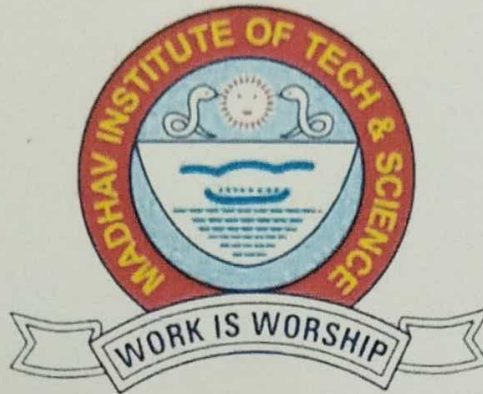


# **MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE**

Deemed to be University

(Declared under Distinct Category by Ministry of Education, Govt. of India)

NAAC Accredited with A++ Grade



## **Project Report**

**on**

## **DEVELOPMENT OF EDUNOW CONSULTING SERVICES**

A project report submitted in partial fulfillment of the requirement for the degree of

## **MASTER IN COMPUTER APPLICATION**

**in**

## **COMPUTER SCIENCE AND ENGINEERING**

### **Submitted By:**

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### **Faculty Mentor:**

Dr. Anshu Chaturvedi (Professor)

## **DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

**MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE**

Gwalior - 474005 (MP) Estd. 1957

January – June 2024




### Certificate of Internship Completion

This is to certify that **Mr. Pranjal Sengar** has successfully completed the internship program at **VisionClara IT Solutions**. The internship, titled **Full Stack Developer Intern** was undertaken from **01-01-2024 to 25-04-2024**.

Throughout the internship duration, Mr. Pranjal Sengar actively contributed to a project titled **EduNow Consulting Services** under the guidance of Subham Sahu (Co-Founder/Senior Developer) and Krishna Kant Vishwakarma (Co-Founder/Project Lead). His responsibilities encompassed various aspects of the project lifecycle, including project planning and analysis, design, development, testing, deployment, and maintenance.

The valuable contributions made by Mr. Pranjal Sengar have significantly contributed to the objectives of the internship program and have enriched the learning experience for both the intern and the organization.

This certificate is awarded as a testament to Mr. Pranjal Sengar hard work, commitment, and professional growth demonstrated throughout the internship.

  
(Co-Founder)

Subham Sahu  
Senior Developer

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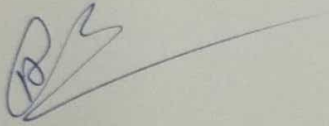
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## CERTIFICATE

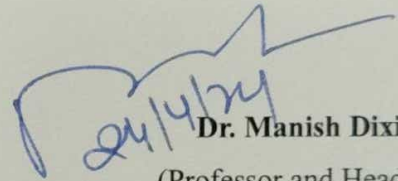
This is to certify that **Mr. Pranjal Sengar** (0901CA221043) has submitted the project report titled **Development of EduNow Consulting Services** under the mentorship of **Mr. Subham Sahu** (Senior Software Developer, VisionClara IT Solutions), in partial fulfilment of the requirement for the award of degree of **Master in Computer Application**, submitted in Department of Computer Science and Engineering, **Madhav Institute of Technology and Science, Gwalior**.



**Dr. Anshu Chaturvedi**

(Professor)

Dept. of Computer Science and Engineering



**Dr. Manish Dixit**  
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Dept. of Computer Science and Engineering

**Dr. Manish Dixit**  
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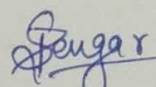
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## DECLARATION

I hereby declare that the work being presented in this project report, for the partial fulfilment of requirement for the award of the degree of **Master in Computer Application** in Department of Computer Science and Engineering at **Madhav Institute of Technology & Science, Gwalior** is an authenticated and original record of my work under the mentorship of **Mr. Subham Sahu** (Senior Software Developer, VisionClara IT Solutions).

I declare that I have not submitted the matter embodied in this report for the award of any degree or diploma anywhere else.



**Pranjal Sengar**

0901CA221043

2022 – 2024

Master in Computer Application

Dept. of Computer Science and Engineering



# MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE

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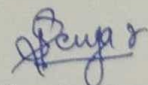
## ACKNOWLEDGEMENT

The full semester project has proved to be pivotal to my career. I am thankful to my institute, **Madhav Institute of Technology and Science** to allow me to continue my disciplinary project. I extend my gratitude to the Director of the institute, **Dr. R. K. Pandit** and Dean Academics, **Dr. Manjaree Pandit** for this.

I would sincerely like to thank my department, **Department of Computer Science and Engineering**, for allowing me to explore this project. I humbly thank **Dr. Manish Dixit** (Professor and Head), Department of Computer Science and Engineering, for his continued support during the course of this engagement, which eased the process and formalities involved.

I would like to extend my heartfelt appreciation to **Mr. Subham Sahu** (Senior Software Developer, VisionClara IT Solutions) for his exceptional mentorship, guidance, and assistance throughout the project. His valuable inputs and feedback during the course of the project have helped me enhance my knowledge and skills. His constant encouragement and support have been instrumental in the successful completion of this project.

I am sincerely thankful to my faculty coordinator. I am grateful to the guidance of **Dr. Anshu Chaturvedi** (Professor), Department of Computer Science and Engineering, for her continued support and guidance throughout the project. I am also very thankful to the faculty and staff of the department.



**Pranjal Sengar**

0901CA221043

2022 – 2024

Master in Computer Application

Dept. of Computer Science and Engineering

## ABSTRACT

The ability of a school to recruit and retain talent is vital for its success in today's learning environment. In India and Asia, EduNow Consultants is a leading headhunting and recruitment firm specializing in meeting the unique staffing needs of educational institutions. EduNow Consultants, a distinguished headhunting and recruitment firm, specializes in meeting the unique staffing needs of educational institutions across India and Asia. With a solid foundation in the education sector, EduNow Consultants offers a wide range of services to the unique needs of educational institutions, ensuring the discovery and enrichment of outstanding talent with their values and long term objectives.

EduNow Consultants is an executive search firm that specializes in finding outstanding candidates for important leadership roles, including directors, administrators, headmasters, and principals. Their methodology takes into account not just the credentials and work history of applicants, but also their capacity for leadership and institutional fit. By employing extensive screening processes to ensure that prospective hires have the skills, commitment, and expertise required, their faculty recruiting service also assists schools in finding exceptional teachers in a range of professions.

EduNow Consultants distinguishes itself through its comprehensive recruitment approach, integrating talent assessment methods such as psychometric evaluations, in-depth interviews, and reference checks to offer schools a holistic understanding of candidate suitability. The company also offers customized consulting to help schools improve organizational culture, build leadership, and enhance talent management techniques. With a focus on education, a broad industry network, and a dedication to professionalism and ethics, EduNow Consultants has a track record of successfully placing top people and providing individualized solutions.

In summary, EduNow Consultants serves as a strategic partner for schools, offering bespoke recruitment solutions and advisory services to support their growth and success in an increasingly competitive education landscape. Through their expertise and commitment to excellence, EduNow Consultants aims to facilitate the advancement of educational institutions by connecting them with the best-suited leadership and faculty talent.



## सार

किसी स्कूल की प्रतिभा को भर्ती करने और बनाए रखने की क्षमता आज के सीखने के माहौल में उसकी सफलता के लिए महत्वपूर्ण है। भारत और एशिया में, एडुनाउ कंसल्टेंट्स एक अग्रणी हेडहंटिंग और भर्ती फर्म है जो शैक्षणिक संस्थानों की अद्वितीय स्टाफिंग जरूरतों को पूरा करने में विशेषज्ञता रखती है। एडुनाउ कंसल्टेंट्स, एक प्रतिष्ठित हेडहंटिंग और भर्ती फर्म, भारत और एशिया भर के शैक्षणिक संस्थानों की अद्वितीय स्टाफिंग जरूरतों को पूरा करने में माहिर है। शिक्षा क्षेत्र में एक ठोस आधार के साथ, एडुनाउ कंसल्टेंट्स शैक्षणिक संस्थानों की अनूठी जरूरतों के लिए सेवाओं की एक विस्तृत श्रृंखला प्रदान करता है, जो उनके मूल्यों और दीर्घकालिक उद्देश्यों के साथ उत्कृष्ट प्रतिभा की खोज और संवर्धन सुनिश्चित करता है।

एडुनाउ कंसल्टेंट्स एक कार्यकारी खोज फर्म है जो निदेशकों, प्रशासकों, प्रधानाध्यापकों और प्रिंसिपलों सहित महत्वपूर्ण नेतृत्व भूमिकाओं के लिए उत्कृष्ट उम्मीदवारों को ढूंढने में माहिर है। उनकी कार्यप्रणाली न केवल आवेदकों की साख और कार्य इतिहास को ध्यान में रखती है, बल्कि नेतृत्व और संस्थागत फिट के लिए उनकी क्षमता को भी ध्यान में रखती है। यह सुनिश्चित करने के लिए व्यापक स्क्रीनिंग प्रक्रियाओं को नियोजित करके कि भावी नियुक्तियों में आवश्यक कौशल, प्रतिबद्धता और विशेषज्ञता है, उनकी संकाय भर्ती सेवा विभिन्न व्यवसायों में असाधारण शिक्षकों को खोजने में स्कूलों की सहायता भी करती है।

एडुनाउ कंसल्टेंट्स अपने व्यापक भर्ती दृष्टिकोण के माध्यम से खुद को अलग करता है, स्कूलों को उम्मीदवार की उपयुक्तता की समग्र समझ प्रदान करने के लिए साइकोमेट्रिक मूल्यांकन, गहन साक्षात्कार और संदर्भ जांच जैसी प्रतिभा मूल्यांकन विधियों को एकीकृत करता है। कंपनी स्कूलों को संगठनात्मक संस्कृति में सुधार करने, नेतृत्व निर्माण और प्रतिभा प्रबंधन तकनीकों को बढ़ाने में मदद करने के लिए अनुकूलित परामर्श भी प्रदान करती है। शिक्षा पर ध्यान केंद्रित करने, एक व्यापक उद्योग नेटवर्क और व्यावसायिकता और नैतिकता के प्रति समर्पण के साथ, एडुनाउ कंसल्टेंट्स के पास सफलतापूर्वक शीर्ष लोगों को नियुक्त करने और व्यक्तिगत समाधान प्रदान करने का ट्रैक रिकॉर्ड है।

संक्षेप में, एडुनाउ कंसल्टेंट्स स्कूलों के लिए एक रणनीतिक भागीदार के रूप में कार्य करता है, जो तेजी से प्रतिस्पर्धी शिक्षा परिदृश्य में उनके विकास और सफलता का समर्थन करने के लिए विशेष भर्ती समाधान और सलाहकार सेवाएं प्रदान करता है। अपनी विशेषज्ञता और उत्कृष्टता के प्रति प्रतिबद्धता के माध्यम से, एडुनाउ कंसल्टेंट्स का लक्ष्य शैक्षणिक संस्थानों को सर्वोत्तम-अनुकूल नेतृत्व और संकाय प्रतिभा के साथ जोड़कर उनकी उन्नति को सुविधाजनक बनाना है।



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# CHAPTER 1

## INTRODUCTION



## CHAPTER 1: INTRODUCTION

In today's dynamic educational landscape, EduNow Consultants is a recruitment and consulting firm dedicated to recruitment needs of leading as well as new and upcoming schools in India and across Asia. The system has three types of user roles, which are EduNow Administrator, School Administrator and the Candidate. The proposed solution makes use of both authorization and authentication to manage user access and send request to the server to provide role-based control to the user. The application requires the user to login with their valid credentials to gain access to the features and functionalities according to their role.

In this project, schools are provided with a comprehensive platform facilitating seamless interaction and management. Once logged in, schools can manage their profile details, list job openings with search and filter options, and even create new job listings or request candidates directly through the platform. Job openings and candidate details are viewable post-approval from EduNow. Additionally, schools can access candidate profiles, monitor their requests, and submit reviews and ratings for EduNow services, enhancing engagement and collaboration within the educational ecosystem.

The candidate profile page empowers individuals to maintain and update their information, providing transparency through the last profile update date. The "All Jobs" section presents a diverse array of job openings, facilitating search and filtering based on various criteria like position, school name, experience, and salary expectations, with options to view or apply for listings. Additionally, the platform offers insights into individual job details, allowing for direct application and exploration of similar opportunities. Candidates can manage their applied jobs efficiently through the "My Jobs" page, with the ability to revoke applications if necessary. Furthermore, features like viewing school profiles, browsing job listings, and submitting reviews and ratings contribute to a holistic job-seeking experience. Terms and conditions, privacy policies, and testimonials sections ensure clarity and transparency, fostering trust and engagement within the platform.

The admin can create, view, update, and delete candidate profiles, schools, job postings, and testimonials, ensuring data accuracy and integrity. Additionally, the ability to approve or reject school registrations and job applications contributes to maintaining quality standards. With features like filtering and selecting candidate details for sharing, the admin ensures transparent and controlled communication between schools and candidates. Overall, these features empower the EduNow Admin to effectively oversee and optimize the platform's functionality, fostering a seamless experience for all users.



## 1.1 PROBLEM IDENTIFICATION

Academic institutions often face challenges in attracting and retaining highly skilled professors and leadership, which might hinder their capacity to fulfill their long-term objectives and fulfill their academic mission. The education sector's traditional hiring practices may be ineffective and inadequate in determining a candidate's suitability for important positions, which can result in mismatches and employee turnover. To guarantee the discovery and matching of outstanding talent, schools need a specialist recruitment partner who has a thorough awareness of the particular difficulties and demands faced by the education sector. Innovative approaches to talent management and recruitment are necessary for schools to adapt and succeed in a competitive climate, given the ever-changing nature of the education sector.

For key roles such as teachers, administrators and support staff, schools demand specific skills and qualifications. The right audience with the requisite education knowledge will not be attracted to generic recruitment sites. Specialized platform like EduNow allow schools to highlight these requirements prominently. This can lead to more targeted and meaningful connections between schools and potential candidates.

In order to find and hire the best people for important leadership positions in schools, such as directors, administrators, headmasters, and principals, we carry out extensive executive searches. Our users can apply for a variety of job positions based on their experience, geography, and skill sets. They can also withdraw their applications if they decide they are no longer interested in that specific position. To attract the attention of recruiters, candidates can effectively present their abilities, knowledge, and experience by keeping their user profiles up to date. Organizations in various regions or locations are free to post or promote any job vacancy in accordance with their needs and to shortlist qualified applicants for it.

In addition to recruitment services, we offer consultation and advisory services to assist schools in enhancing their talent management strategies, leadership development programs, and organizational culture.

## 1.2 ABOUT ORGANIZATION

VisionClara IT Firm was founded on a commitment to excellence and a passion for harnessing technology to drive positive change. The company's mission revolves around transforming clients' visions into tangible, innovative, and scalable technological solutions.

**Diverse Range of IT Solutions:** VisionClara stands out for its ability to cater to a broad spectrum of information technology needs. The company specializes in providing end-to-end solutions across

various domains, including web and mobile application development, cloud computing, cybersecurity, data analytics, and more.

**Successful Product Deliveries:** Over the past three years, VisionClara IT Firm has achieved notable success in delivering impactful products across different sectors. These achievements reflect the company's dedication to understanding client needs and delivering solutions that not only meet but exceed expectations.

**Client-Centric Approach:** At the core of VisionClara's ethos is a strong commitment to client satisfaction. VisionClara's client-centric approach ensures that every solution is tailor-made to address specific business needs, resulting in high levels of client satisfaction and repeat business.

**Innovative Team:** VisionClara IT Firm attributes its success to a team of highly skilled and innovative professionals. From seasoned developers and designers with a keen understanding of industry trends, the team at VisionClara brings a wealth of expertise to every project.

**Future Roadmap:** As VisionClara IT Firm looks towards the future, the company remains committed to pushing technological boundaries and adapting to emerging trends. With a focus on continual innovation, VisionClara aims to stay at the forefront of the IT industry, anticipating and meeting the evolving needs of its clients.

## 1.3 HARDWARE AND SOFTWARE SPECIFICATIONS

### 1.3.1 HARDWARE SPECIFICATION:

- Processor: Intel Core i3 or higher or equivalent.
- Processor Speed: 2.12 GHz.
- RAM: 4 GB or above.
- Hard Disk Space: At least 1 GB of free space.
- Network: Internet speed of 2 Mbps or above.

### 1.3.2 SOFTWARE SPECIFICATION:

- Operating System: Windows 10 (64-bit) or above.
- Web Browsers: Google Chrome, Mozilla Firefox, Microsoft Edge, Safari latest version or any other browser.
- Code Editor: Visual Studio Code.



- Tools: Postman, MongoDB Compass, Eraser.io, Figma, GitHub, Discord.
- NextJS: Version 13.5.6 or later.
- NodeJS: Version 20.10.0 or later.
- ExpressJS: Version 4.16.1 or later.
- Performant Node Package Manager: Version 18.14.1 or later.
- TypeScript: Version 5.1.3 or later.
- Tailwind CSS: Version 3.3.2 or later.
- MongoDB: Version 6.0 or later.

### 1.3.3 TECHNOLOGY USED:

EduNow Consulting Services is a project that is designed and developed using the technology stack includes NextJS, NodeJS, MongoDB and ExpressJS. The system uses these technologies to provide a scalable, efficient and user-friendly platform for users to delivers distinct recruitment solutions and offer advisory services to help schools to attract the most qualified candidates who align with their values and long-term goals.

- **Frontend:** NextJS, TypeScript, Tailwind CSS, Shaden UI.
- **Backend:** NodeJS, ExpressJS.
- **Database:** MongoDB, Firebase.



# CHAPTER 2

## SYSTEM ANALYSIS

## **CHAPTER 2: SYSTEM ANALYSIS**

### **2.1 PROBLEM ANALYSIS**

Problem analysis aims at identifying the challenges existing in school recruitment systems and proposing a solution through a new platform for recruiting. Due to the manual application process, candidate screening and communication between schools and candidates, the current recruitment process has a number of challenges. This decentralized approach leads to inefficiencies, inconsistencies, and difficulties in managing candidate and job data. The specific requirements of training roles as well as the lack of consulting and advisory services may not be adequately taken into account by current job portals. As a result, candidates may miss out on relevant opportunities and struggle to navigate the complex recruitment landscape. This new recruitment platform can address these challenges and improve the overall efficiency and effectiveness.

The goal of EduNow is to give candidates and educational institutions a consolidated platform that makes the hiring process easier. With EduNow, job seekers can find suitable jobs quickly and easily because it aggregates job ads from several institutions and provides advanced search and filtering options. EduNow Administrator, School Administrators, and Candidates are the three levels at which the platform can be accessed.

- EduNow Admin can manage candidates, school, job posts, job applications, requests, testimonials and expert speak.
- School Admin can manage school profile, create job postings, can view previously posted jobs and can manage applicants.
- Candidates can manage their profile, can see all job postings, can view and revoke their applied jobs and can rate and review the whole recruitment process on the platform.

The platform is user friendly and can give all the relevant details according to the filters available or applied. It can help to revolutionize the recruitment process for educational institutions, enabling them to attract, identify and onboard top talent more effectively and efficiently.

### **2.2 FEASIBILITY STUDY**

A feasibility study assesses the practicality, potential and success of a proposed system by evaluating various factor such as technical, economical and behavioural. It aims to determine whether the project is viable, sustainable and achievable within the constraints of resources, time and regulations.



### 2.2.1 ECONOMICAL FEASIBILITY:

The economic feasibility of the EduNow project has been thoroughly evaluated, considering both initial costs and ongoing expenses. Initial costs encompass the development of the digital platform, procurement, and installation of necessary equipment, as well as staff training. Ongoing costs involve maintenance and upgrades to hardware and software, alongside continual staffing expenses. The approximate cost of this project is around 1 lakh Indian rupees, which is quite reasonable given the benefits that the system provides. However, when we weigh these costs against the benefits, like making recruitment easier and more secure, saving money by automating tasks, and reducing the risk of security problems, it's clear that the project will make financial sense in the long run. By investing in EduNow, schools can expect to save time and money while making their recruitment processes smoother and safer.

### 2.2.2 TECHNICAL FEASIBILITY:

The proposed system is build using technology stack includes NextJS, NodeJS, ExpressJS and MongoDB which is a popular and widely used technology stack for building modern web applications. It provides developers with a comprehensive set of tools and libraries for building scalable and robust web applications.

MongoDB is a NoSQL database that provides high-performance data storage and retrieval capabilities, while ExpressJS is a web application framework that provides developers with the necessary tools to build web applications using NodeJS.

NextJS is React framework that enables server-side rendering, providing improved performance and search engine optimization (SEO). It simplifies the creation of dynamic web applications by handling routing, code-splitting, and hot module reloading out of the box. With built-in support for APIs and serverless functions, Next.js facilitates seamless integration with backend services and deployment to platforms like Vercel.

Integrating Firebase into the stack brings powerful backend services such as authentication, real-time database, and cloud storage, augmenting the application's capabilities. AWS S3 Bucket complements this by offering scalable and reliable object storage for hosting static assets. Collaboration and design are facilitated through Figma, streamlining the UI/UX design process. Postman is utilized for API development and testing, ensuring smooth integration between frontend and backend components. GitHub serves as the version control system, enabling collaborative development and seamless deployment workflows.



Together, this comprehensive technology stack empowers the project with robustness, scalability, and efficient development workflows.

### **2.2.3 BEHAVIOURAL FEASIBILITY:**

Behavioral feasibility for the EduNow project involves assessing whether the intended users, including candidates, schools, and administrators, will be willing and able to adopt and effectively use the platform. This assessment considers factors such as user attitudes, perceptions, preferences, and capabilities.

Firstly, it is essential to understand the needs and preferences of the target users. For candidates, the platform should offer an intuitive interface that simplifies the job search and application process. Candidates should find the platform easy to navigate, with clear instructions and prompts guiding them through each step. Similarly, schools and administrators should find the platform user-friendly, with features and functionalities that align with their recruitment processes and objectives.

Additionally, behavioral feasibility involves assessing the willingness of users to embrace change and adopt new technologies. Therefore, effective communication and training programs will be essential to encourage user acceptance and adoption of the EduNow platform. Providing comprehensive training resources, ongoing support, and advisory services for early adopters can help build confidence among users.

In conclusion, by offering a user-friendly interface, clear benefits, effective communication and training, and flexibility to accommodate diverse needs, the platform can foster widespread acceptance and adoption among candidates, schools, and administrators, ultimately leading to its success.

## 2.3 DATA FLOW DIAGRAM (DFD)

### 2.3.1 CONTEXT LEVEL OR LEVEL 0 DFD

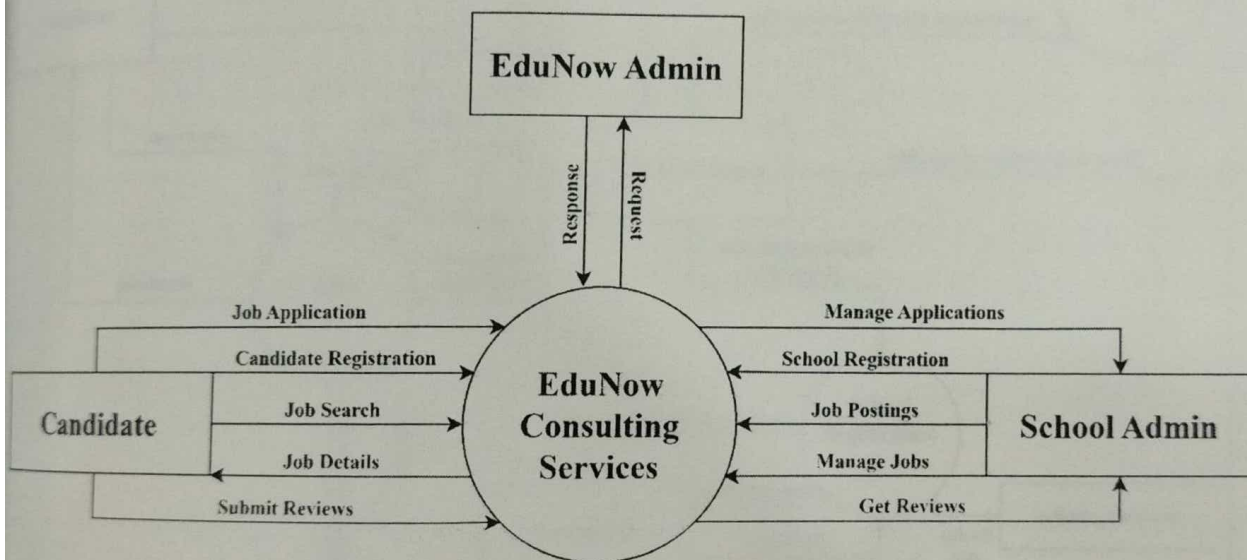


Figure 1 Context Level or Level 0 DFD

### 2.3.2 LEVEL 1 DFD

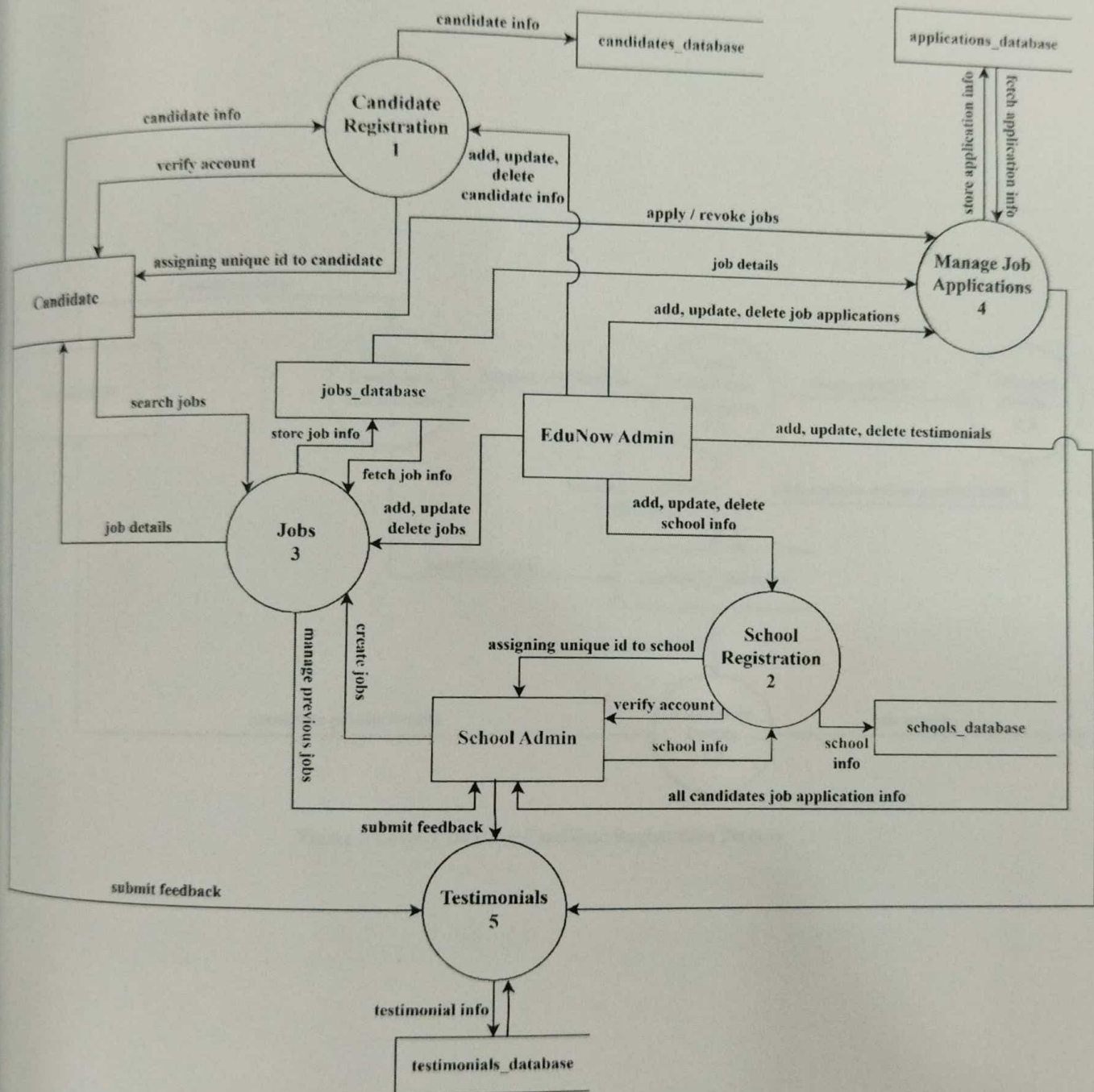


Figure 2 Level 1 DFD



### 2.3.3 LEVEL 2 DFD FOR CANDIDATE REGISTRATION PROCESS

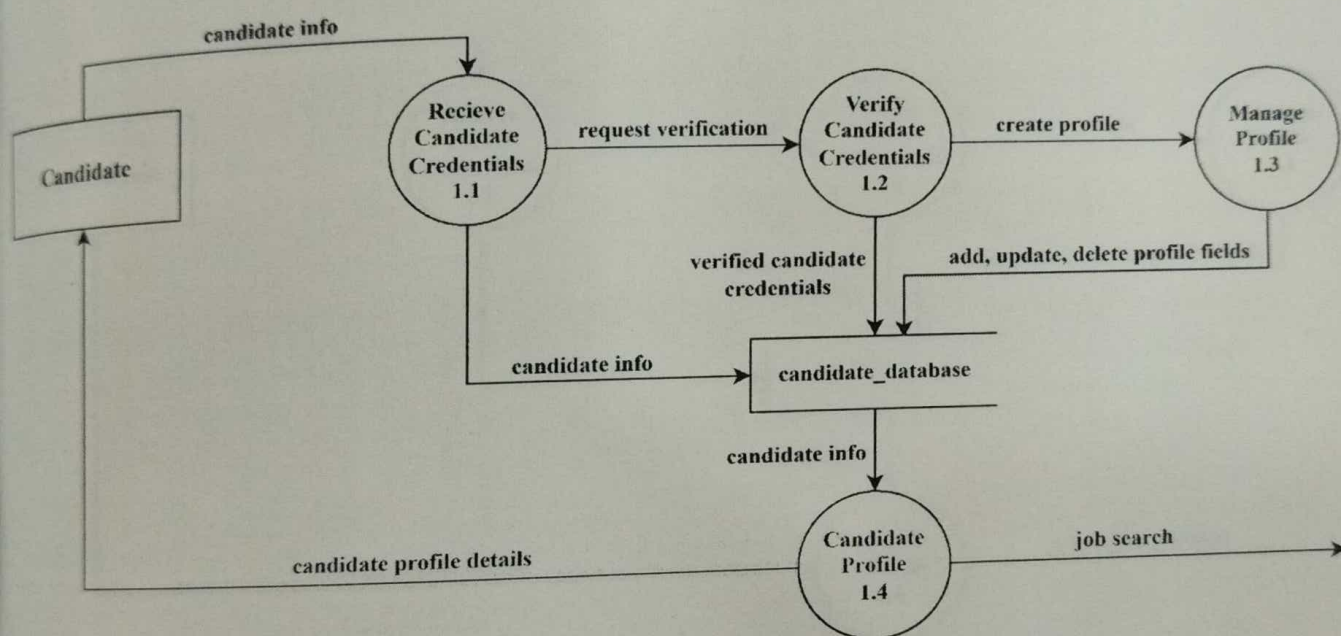


Figure 3 Level 2 DFD for Candidate Registration Process

#### 2.3.4 LEVEL 2 DFD FOR SCHOOL REGISTRATION PROCESS

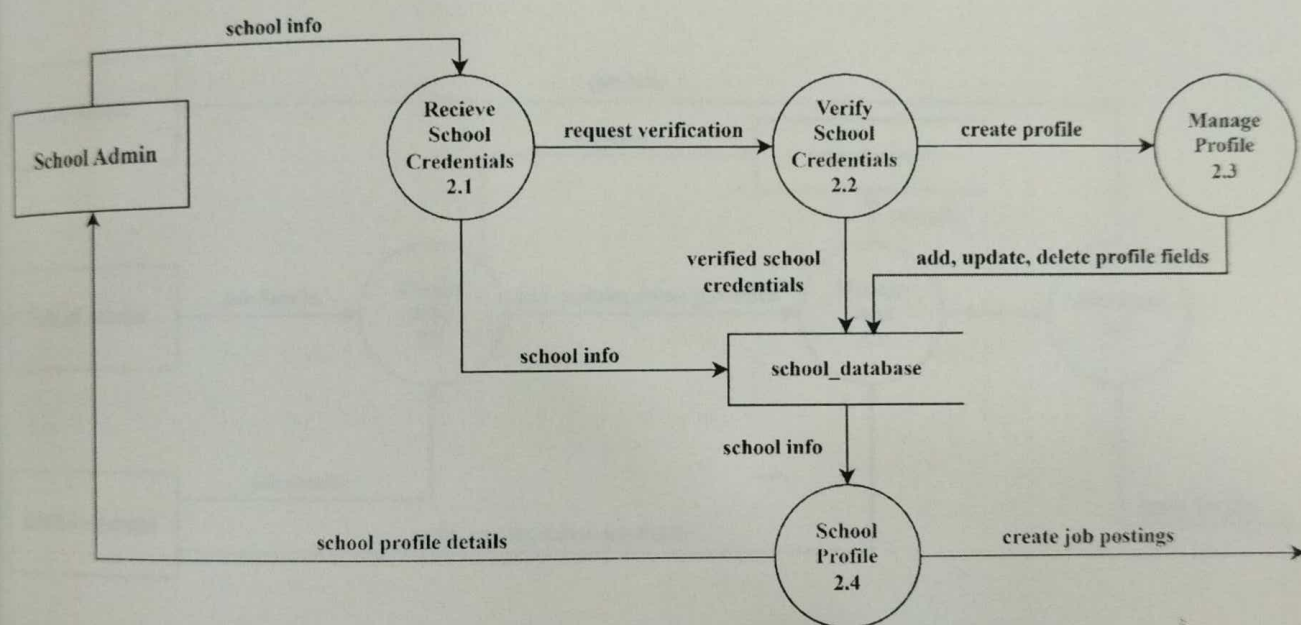


Figure 4 Level 2 DFD for School Registration Process

### 2.3.5 LEVEL 2 DFD FOR JOBS PROCESS

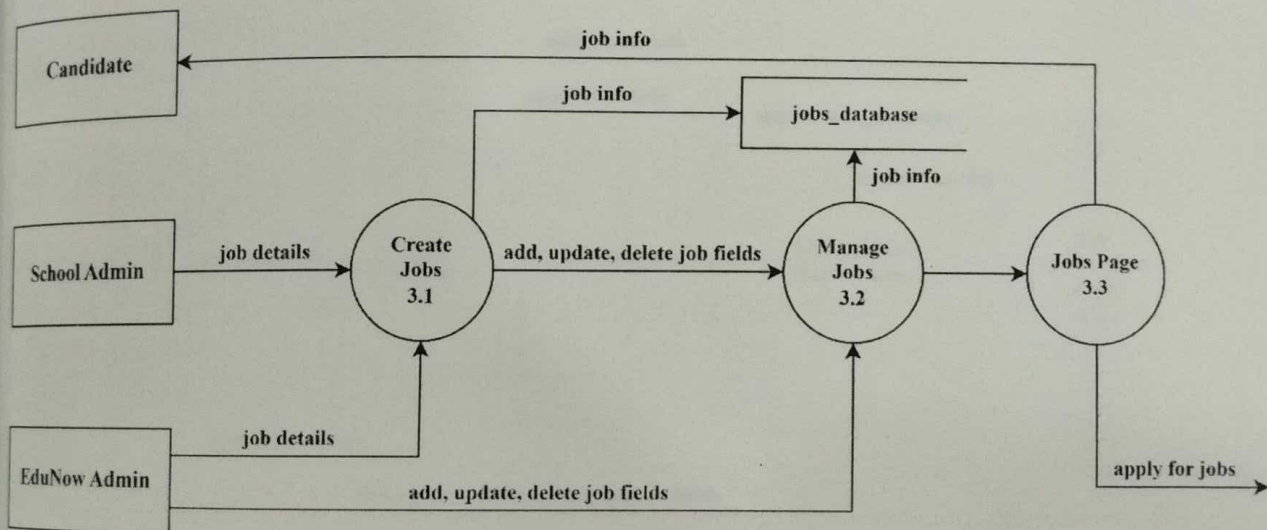


Figure 5 Level 2 DFD for Jobs Process



### 2.3.6 LEVEL 2 DFD FOR JOBS APPLICATION PROCESS

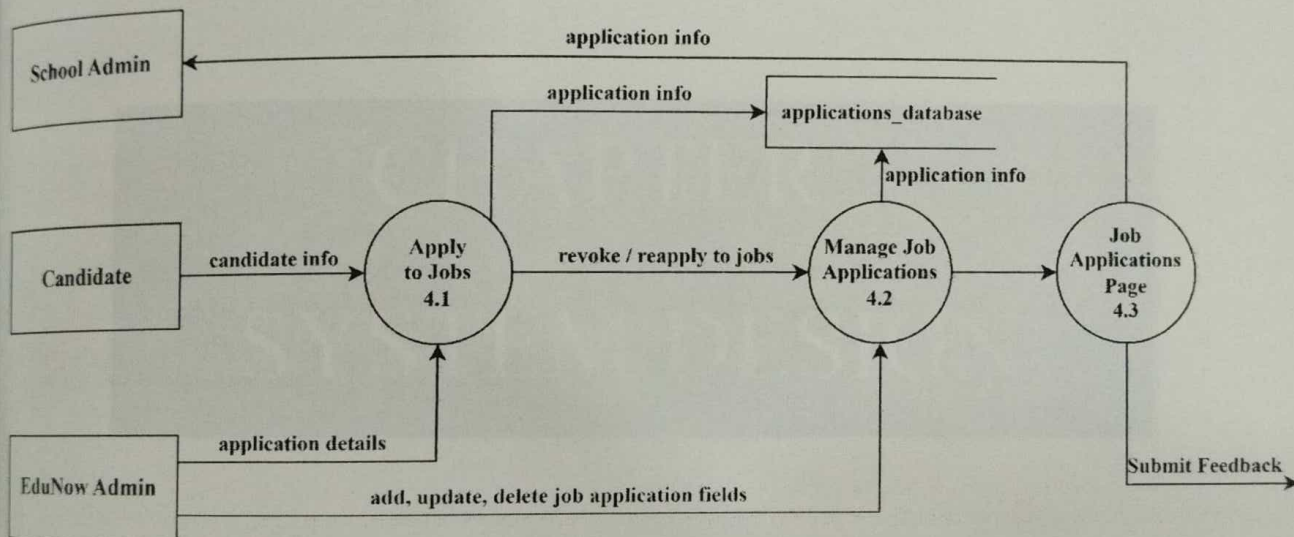


Figure 6 Level 2 DFD for Jobs Application Process

# CHAPTER 3

## SYSTEM DESIGN

## CHAPTER 3: SYSTEM DESIGN

### 3.1 USE CASE DIAGRAM

#### 3.1.1 USE CASE DIAGRAM FOR EDUNOW ADMIN

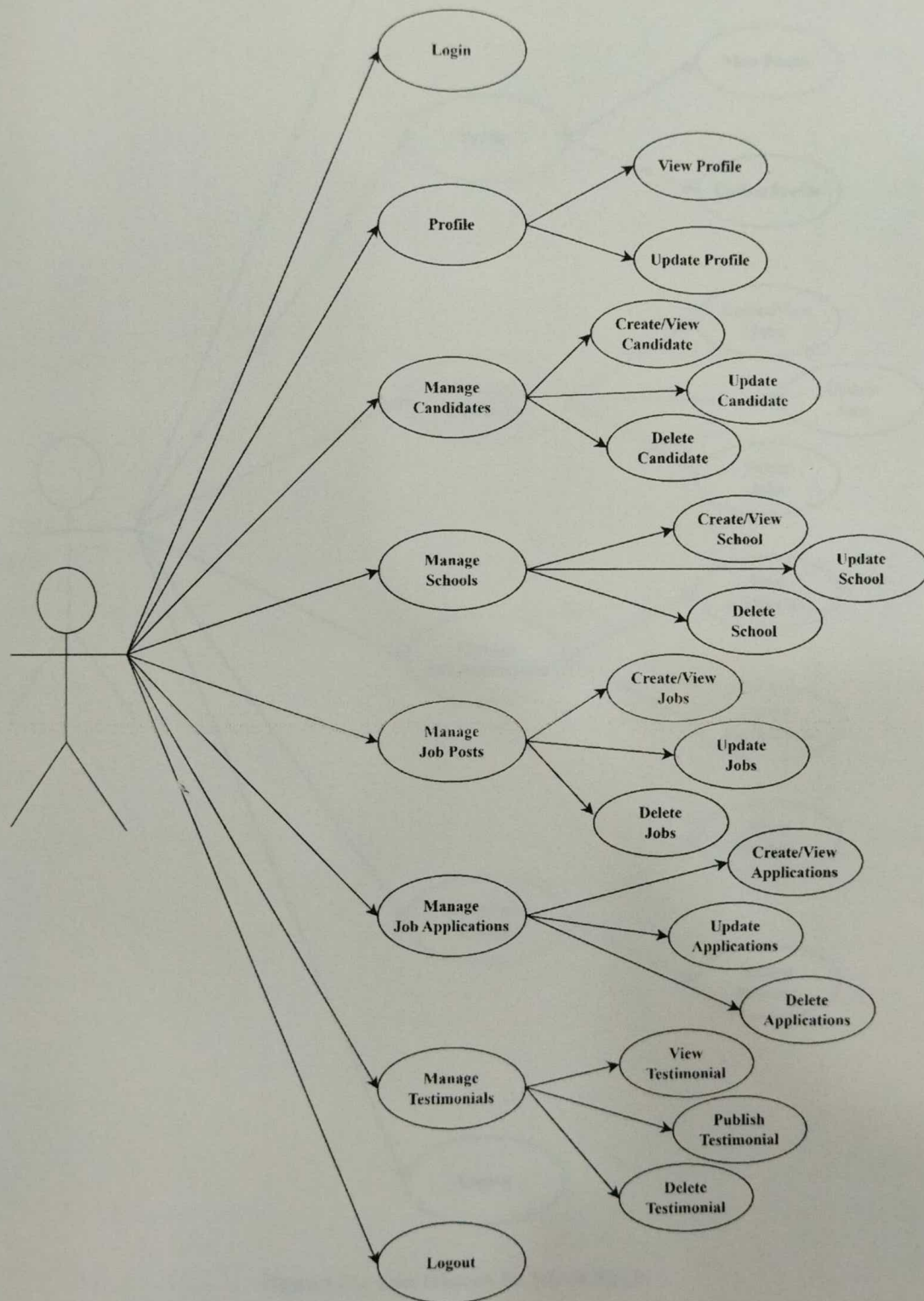


Figure 7 Use Case Diagram for EduNow Admin



### 3.1.2 USE CASE DIAGRAM FOR SCHOOL ADMIN

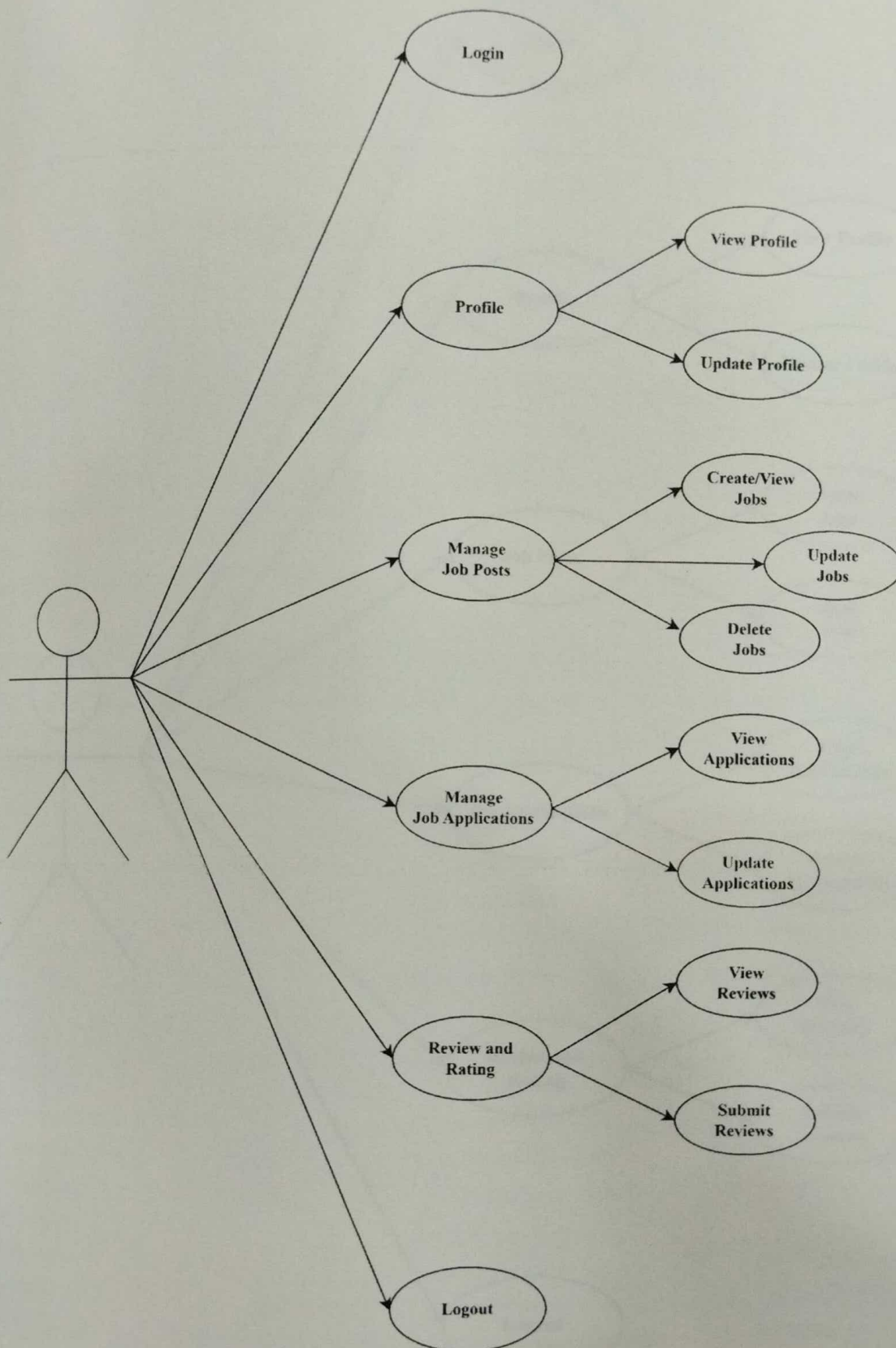


Figure 8 Use Case Diagram for School Admin

### 3.1.3 USE CASE DIAGRAM FOR CANDIDATE

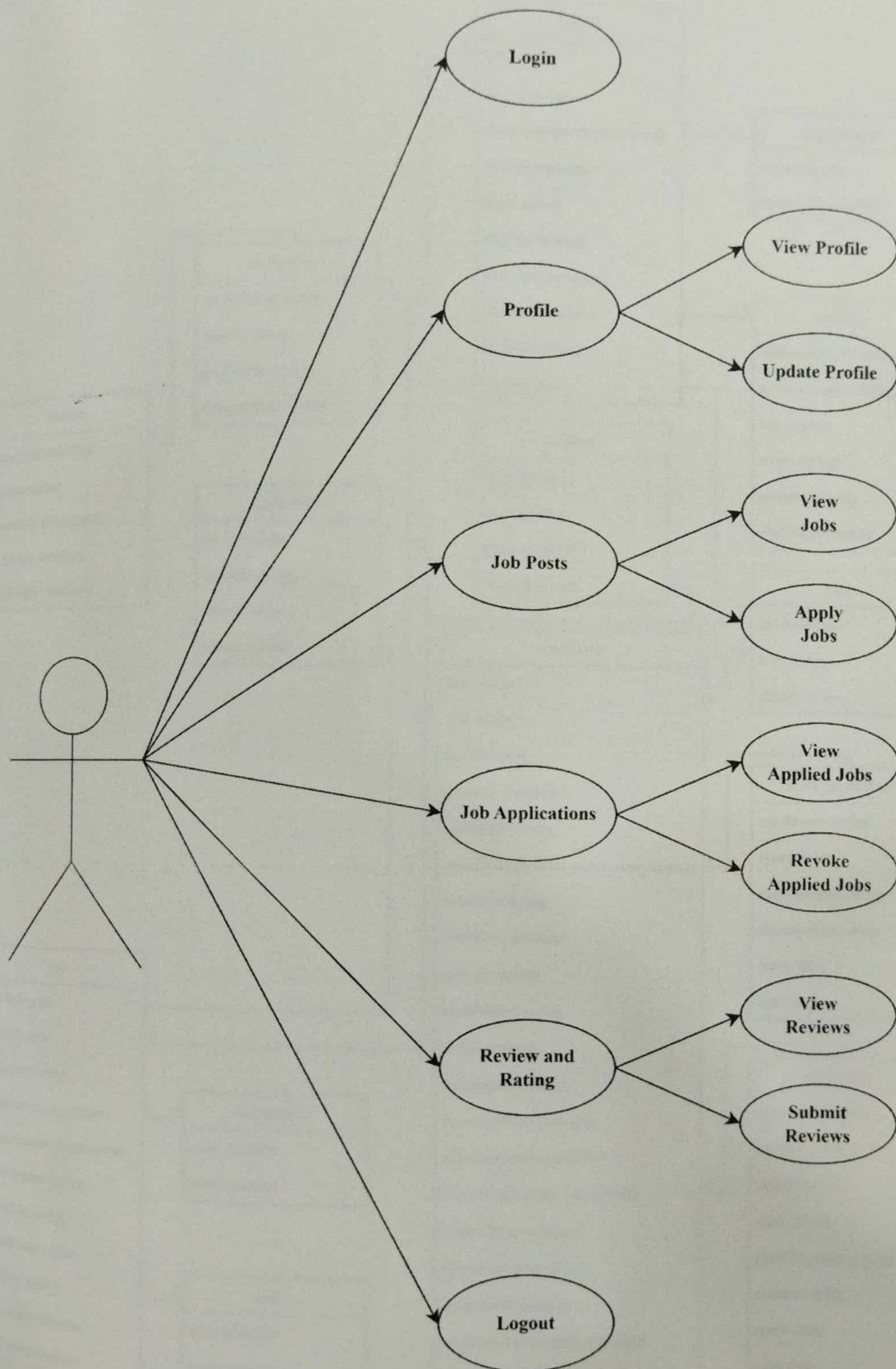


Figure 9 Use Case Diagram for Candidate

### 3.2 DATABASE DESIGN

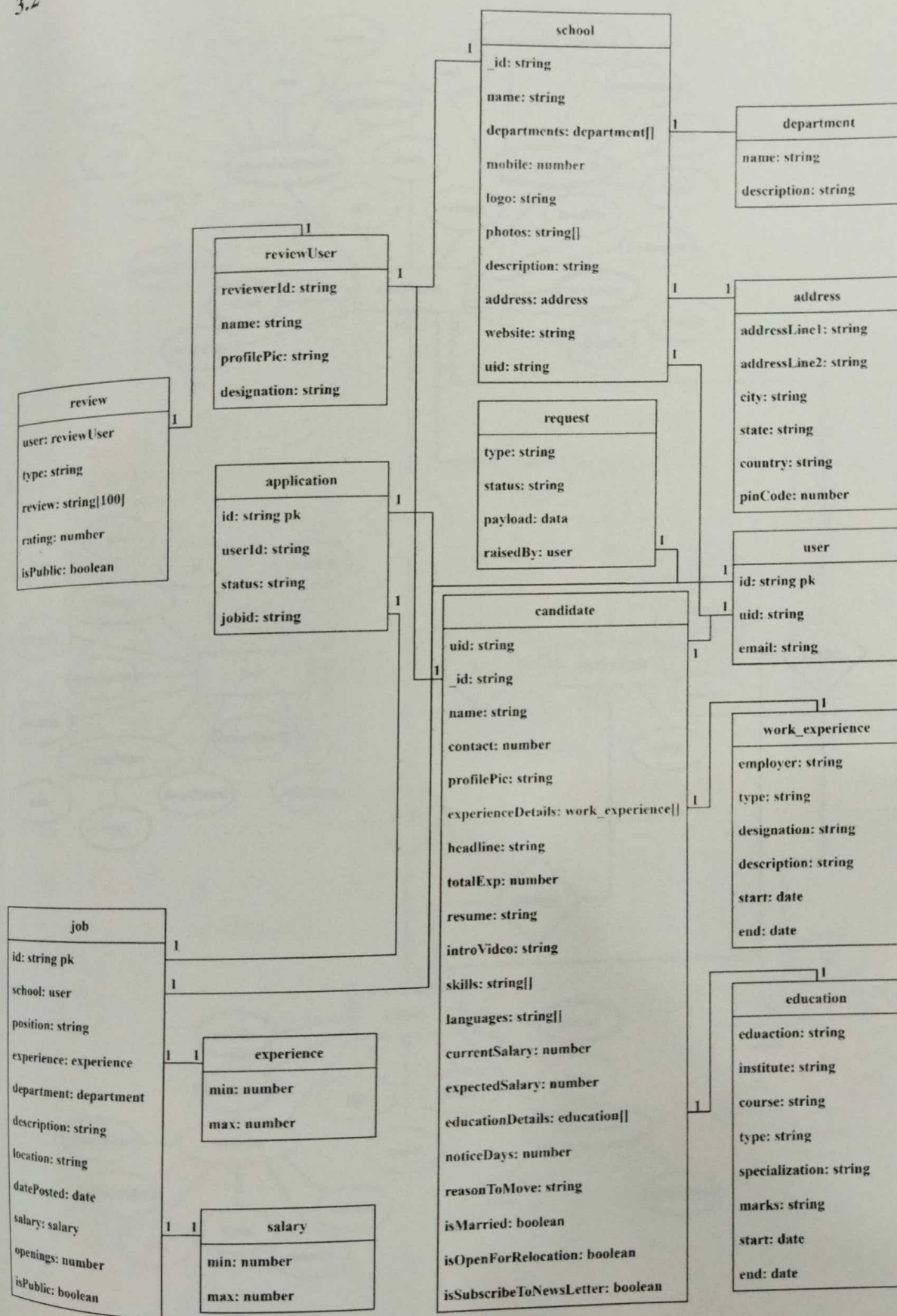


Figure 10 Database Design



### 3.3 ENTITY RELATIONSHIP DIAGRAM

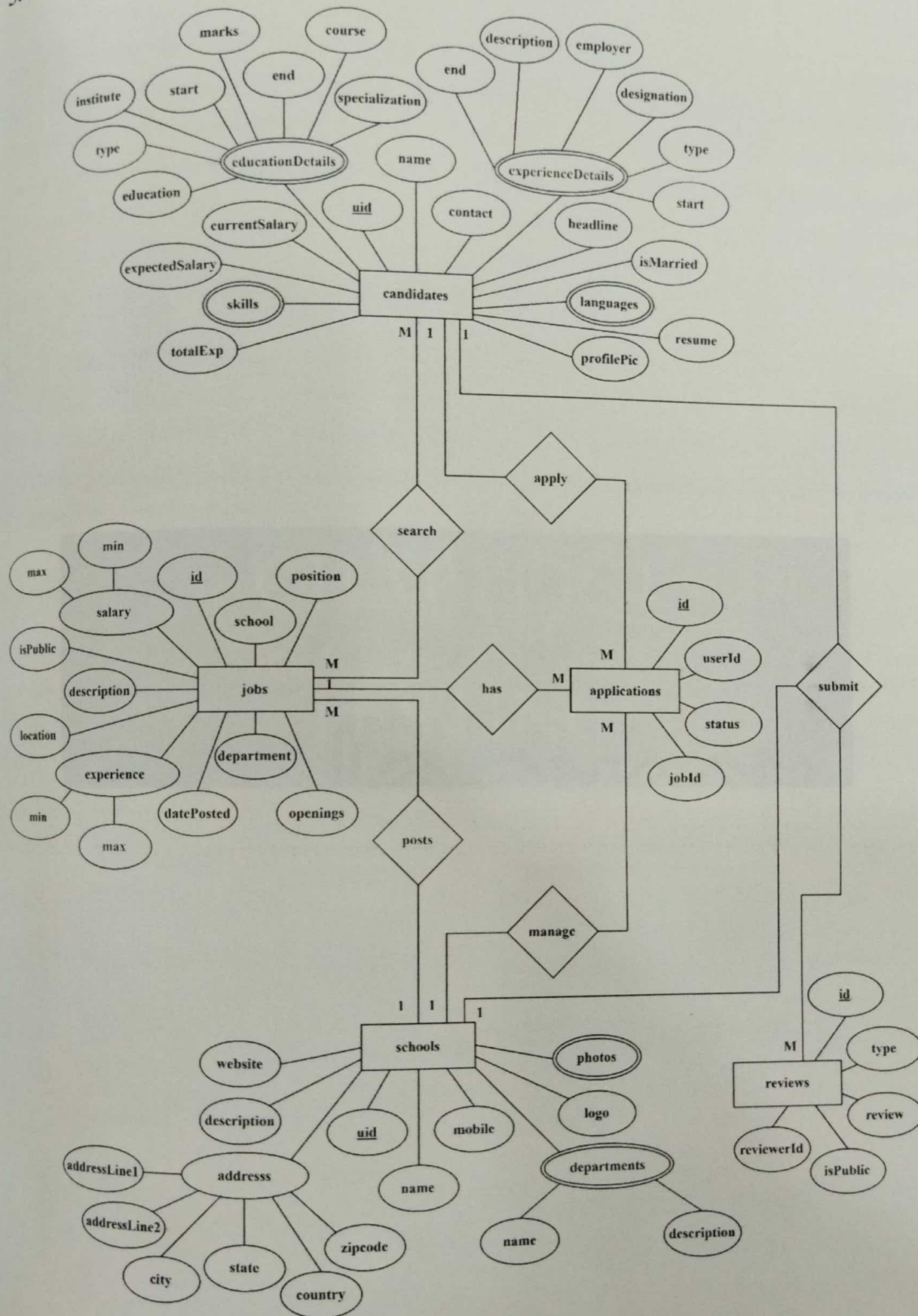


Figure 11 Entity Relationship Diagram

# CHAPTER 4

## TESTING

## CHAPTER 4: TESTING

Testing is the process of evaluating an application or system to detect defects, bugs, errors, and other issues that may affect its quality, reliability, or functionality. It involves running the application in a controlled environment to verify that it behaves as expected, and comparing its actual results against its intended results. The main objective of testing is to ensure that the application meets the requirements and specifications set forth by its users or customers, and that it performs the tasks it is designed to do in a consistent, reliable, and efficient manner. So here we are using three testing approaches to check that the developed system met the specified requirements or not.

### 4.1 UNIT TESTING

Unit testing is an essential part of the testing process. It involves testing individual code components or units to verify that they perform as expected and meet their intended requirements. For EduNow project following units have been tested individually:

Table 1 Unit Testing

Test Case ID	Test Case Description	Action	Expected Result	Actual Result	Pass/Fail
UT01	Test functionality with valid email and password.	login and Enter valid email and password and click login button.	User logged in successfully.	User logged in successfully.	Pass
UT02	Test functionality with invalid email and password.	login and Enter invalid email and password and click login button.	Error message displayed: "Invalid Credentials".	Error message displayed: "Invalid Credentials".	Pass



UT03	Test user registration page.	<ol style="list-style-type: none"> <li>1. Register with google or email.</li> <li>2. If a user registers with email, he/she will get an email verification mail.</li> <li>3. Fill form with details.</li> </ol>	User navigated to the login page successfully.	User navigated to the login page successfully.	Pass
UT04	Admin – Test create candidate functionality	<ol style="list-style-type: none"> <li>1. Click on new candidate button.</li> <li>2. Fill the required details.</li> <li>3. Click create button.</li> </ol>	Candidate created successfully.	Candidate created successfully.	Pass
UT05	Admin – Test update and delete candidate functionality.	<ol style="list-style-type: none"> <li>1. Click on view candidate button.</li> <li>2. Admin can update or delete candidate details.</li> </ol>	Candidate updated/deleted successfully.	Candidate updated/deleted successfully.	Pass
UT06	Admin – Test create school functionality	<ol style="list-style-type: none"> <li>1. Click on new school button.</li> <li>2. Fill the required details.</li> <li>3. Click create button.</li> </ol>	School created successfully.	School created successfully.	Pass
UT07	Admin – Test update and delete school functionality.	<ol style="list-style-type: none"> <li>1. Click on view school button.</li> <li>2. Admin can update or delete school details.</li> </ol>	School updated/deleted successfully.	School updated/deleted successfully.	Pass
UT08	Admin – Test create job functionality	<ol style="list-style-type: none"> <li>1. Click on new job button.</li> <li>2. Fill the required details.</li> <li>3. Click create button.</li> </ol>	Job created successfully.	Job created successfully.	Pass

UT09	Admin – Test edit and publish jobs functionality.	1. Click on view edit job button. 2. Admin can edit or delete job details. 3. Admin can click on publish button to publish/unpublish jobs.	Jobs updated/deleted successfully. OR Job published/unpublished successfully.	Jobs updated/deleted successfully. OR Job published/unpublished successfully.	Pass
UT10	Admin – Test edit/publish/delete reviews functionality.	1. Click on edit/publish review button. 2. Admin can edit or delete reviews. 3. Admin can click on publish button to publish/unpublish reviews.	Reviews updated/deleted successfully. OR Reviews published/unpublished successfully.	Reviews updated/deleted successfully. OR Reviews published/unpublished successfully.	Pass

## 4.2 INTEGRATION TESTING

Integration testing for the EduNow project involves testing the interactions and interfaces between different modules, components, and systems within the platform to ensure that they function correctly when integrated together. The purpose of integration testing is to validate that individual components work together as expected and to identify any defects or issues that may arise due to interactions between them.

### 4.2.1 INTEGRATION TESTING FOR EDUNOW ADMIN

Table 2 Integration Testing for EduNow Admin

Test Case ID	Test Case Description	Action	Expected Result	Actual Result	Pass/Fail
ITEA01	Verify that the school record added to the system.	1. Navigate to the school profile. 2. Check for the entered data.	School data is recorded correctly in the system.	School data is recorded correctly in the system.	Pass



ITEA02	Verify that the candidate record added to the system.	1. Navigate to the candidate profile. 2. Check for the entered data.	Candidate data is recorded correctly in the system.	Candidate data is recorded correctly in the system.	Pass
ITEA03	Verify that all the job posts by the schools are recorded in the system.	1. Navigate to view all job page. 2. Check that all the job posts are listed.	Jobs data is recorded correctly in the system.	Jobs data is recorded correctly in the system.	Pass
ITEA04	Verify that all the job applications by the candidates are visible.	1. Navigate to all applications page. 2. Check that all the applications are listed.	All the job applications are recorded correctly in the system.	All the job applications are recorded correctly in the system.	Pass
ITEA05	Verify that all the requests by the school are visible to the admin.	1. Navigate to the requests page. 2. Select the request. 3. Respond to the request.	Requests are visible and Response sent to the schools successfully.	Requests are visible and Response sent to the schools successfully.	Pass
ITEA06	Verify that all the reviews by the schools and candidates are visible to the admin.	1. Navigate to the testimonial page. 2. Publish the testimonial on the system. 3. Check that all the testimonials are listed.	All the testimonials are publicly visible.	All the testimonials are publicly visible.	Pass



## 4.2.2 INTEGRATION TESTING FOR SCHOOL ADMIN

Table 3 Integration Testing for School Admin

Test Case ID	Test Case Description	Action	Expected Result	Actual Result	Pass/Fail
ITSC01	Verify that the new school record is added to the system.	1. Enter new school details in the school registration form. 2. Submit form.	School record is added correctly to the system.	School record is added correctly to the system.	Pass
ITSC02	Verify that the duplicate school records should not be added to the system.	1. Enter an existing school's details in the school registration form. 2. Submit form.	Alert is displayed with the message "School Already Exists" and record is not added to the system.	Alert is displayed with the message "School Already Exists" and record is not added to the system.	Pass
ITSC03	Verify that all the job posts by the particular school are recorded in the system.	1. Navigate to school's jobs page. 2. Check that all the job posts by the particular school are listed.	School's jobs data is recorded correctly in the system.	School's jobs data is recorded correctly in the system.	Pass
ITSC04	Verify that all the job applications by the candidates of that particular school are visible.	1. Navigate to school's job applications page. 2. Check that all the school's job applications are listed.	All the school's job applications are recorded correctly in the system.	All the school's job applications are recorded correctly in the system.	Pass

### 4.2.3 INTEGRATION TESTING FOR CANDIDATE

Table 4 Integration Testing for Candidate

Test Case ID	Test Case Description	Action	Expected Result	Actual Result	Pass/Fail
ITCT01	Verify that the new candidate record is added to the system.	1. Enter new candidate details in the candidate registration form. 2. Submit form.	Candidate record is added correctly to the system.	Candidate record is added correctly to the system.	Pass
ITCT02	Verify that the duplicate candidate records should not be added to the system.	1. Enter an existing candidate's details in the candidate registration form. 2. Submit form.	Alert is displayed with the message "Email Already Exists" and record is not added to the system.	Alert is displayed with the message "Email Already Exists" and record is not added to the system.	Pass
ITCT03	Verify that all the job posts by the schools are visible to the candidate.	1. Navigate to all jobs page. 2. Check that all the job posts by the schools are listed.	All the jobs data is recorded and displayed correctly to the candidate.	All the jobs data is recorded and displayed correctly to the candidate.	Pass
ITCT04	Verify that all the job applications by the candidates are visible.	1. Navigate to my jobs page. 2. Check that all the applied jobs are listed. 3. Candidate can see the revoke option.	All the job applications of the candidate are recorded and displayed correctly to the candidate.	All the job applications of the candidate are recorded and displayed correctly to the candidate.	Pass
ITCT05	Verify that schools information are visible to the candidate.	1. Navigate to the view school page of the particular school. 2. Candidate can see the complete details of that particular school.	School details are displayed correctly to the candidate.	School details are displayed correctly to the candidate.	Pass



### 4.3 VALIDATION TESTING

Validation testing for the EduNow project involves verifying that the system meets the specified requirements and functions correctly in the real-world environment. This testing ensures that the EduNow platform behaves as expected, provides accurate results, and delivers a satisfactory user experience.

The validation testing process begins by confirming that all user interactions, such as login, registration, profile creation, and job search, work smoothly and without errors. Each feature and functionality of the platform is tested thoroughly to ensure that it performs as intended and meets user expectations. For example, validation testing checks whether candidates can successfully apply for jobs, schools can create job postings, and administrators can manage user accounts and content effectively.

Additionally, validation testing evaluates the platform's performance under different scenarios, including peak usage periods and simultaneous user interactions. This testing ensures that the EduNow platform remains responsive, stable, and scalable, even when experiencing high levels of traffic or activity. Performance metrics such as response times, load times, and system resource utilization are measured and analysed to identify any performance bottlenecks or limitations.

Furthermore, validation testing includes testing for compatibility with different devices, browsers, and operating systems to ensure that the platform is accessible to a wide range of users. Compatibility testing verifies that the platform displays correctly and functions consistently across various devices and platforms, providing a seamless user experience regardless of the user's chosen device or browser.



# CHAPTER 5

## IMPLEMENTATION

## CHAPTER 5: IMPLEMENTATION

Firstly, we need to install some IDE software for implementing our project which are as follows:

i. **Visual Studio Code –**

- Go to the official Visual Studio website <https://visualstudio.microsoft.com/downloads/>.
- Click on the "Download" button for the version of Visual Studio you want to install.
- Choose the components you want to install, such as languages, frameworks, and tools.
- Click on the "Install" button to start the installation process.
- Follow the installation wizard and select the options that suit your needs.

ii. **MongoDB –**

- Go to official MongoDB website: <https://www.mongodb.com/try/download/community>.
- Select the appropriate version of MongoDB community edition, your system architecture and the package type.
- Click on the "Download" button to start the download.
- Once the download is complete, run the installer. Choose the "Complete" installation type for a typical installation with default settings.
- Make sure to select the option to install MongoDB Compass and MongoDB as a Windows service so that it starts automatically.

iii. **NodeJS –**

- Go to the official Node.js website: <https://nodejs.org/en/download/>.
- Select the appropriate version of Node.js for your operating system (e.g., Windows, macOS, or Linux).
- Click on the "Download" button to start the download.
- Once the download is complete, run the installer. Follow the installation wizard and select the options that suit your needs.

Once the installation is complete, you can open a terminal or command prompt and type `node -v` to check if Node.js is installed correctly. This should display the version of Node.js that you just installed.

Below are the steps of implementation after installing all the essential software required for the development:

1. Create GitHub Account.
2. **Set up the project:**
  - Clone the GitHub repository of the project.
  - Navigate to the project directory in the terminal or command prompt.
  - Run the command `pnpm install` to install the project dependencies such as React, Next, Express, Nodemon, Mongoose etc.
  - This will install all the required packages mentioned in the project's `package.json` file.
3. **Configure Environment Variables:**
  - Create a `.env` file in the root directory of the project.
  - Add necessary environment variables such as database connection URL, API keys, Firebase Keys and email configuration details.
  - Refer to the project documentation or configuration files to determine the required environment variables.
4. **Set up the database:**
  - Select the cluster where you want to create the new database or create a new cluster if needed.
  - In MongoDB Atlas, we need to whitelist the IP address from which we will be accessing the database.
  - Update the `.env` file with the appropriate database connection URL or connection string.
  - Verify that MongoDB Compass is running.
5. **Start the Frontend:**
  - In the terminal or command prompt, navigate to the project's frontend directory.
  - Run the command `pnpm install` to install frontend dependencies.



- Execute the command `pnpm run dev` to run the frontend server.

6. **Start the Server or backend:**


- In the terminal or command prompt, navigate to the project's backend directory.
- Run the command `pnpm install` to install backend dependencies.
- Run the command `pnpm run dev` to start the server.
- If you want automatic server restart on file changes during development, you can use `nodemon` in `pnpm` script.

7. **Access the application:**




- Open a web browser.
- Enter `http://localhost:3000` (or the specified port if different) in the address bar.
- The EduNow Consultants application should load in the browser, and you can now interact with it.

CHAPTER 6  
SAMPLE FORMS AND  
REPORTS

## CHAPTER 6: SAMPLE FORMS AND REPORTS



HomeAbout UsOur SchoolsOur ServicesRegister As TeacherContact Us

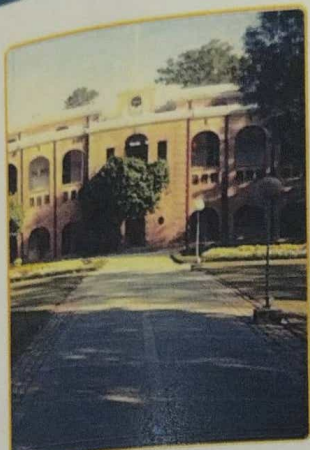



Create an account  
Already have an account? Sign In

Continue with Google




OR


Continue



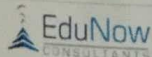


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
  
Please verify your email [ayushipranjal826@gmail.com](mailto:ayushipranjal826@gmail.com).  
We have sent an email verification link to your email address.  

Resend Email



HomeAbout UsOur SchoolsOur ServicesRegister As TeacherContact Us



Email Verified  
  
[ayushipranjal826@gmail.com](mailto:ayushipranjal826@gmail.com) is verified. Please continue registration.  

Continue

29



## Reset Password

Enter new password




### QUICK LINKS

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1232 Jobs are found



### Activity Coordinator

The Doon School, Dehradun

4 - 5 Yr

Dehradun, UK

Not disclosed

Department

4 hours ago



### Activity Coordinator

The Doon School, Dehradun

4 - 5 Yr

Dehradun, UK

Not disclosed

Department

4 hours ago



### Activity Coordinator

The Doon School, Dehradun

4 - 5 Yr

Dehradun, UK

Not disclosed

Department

4 hours ago

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2

3

Next

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## Reset Password

Enter new password




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1232 Jobs are found



### Activity Coordinator

The Doon School, Dehradun

4 - 5 Yr

Dehradun, UK

Not disclosed

Department

4 hours ago



### Activity Coordinator

The Doon School, Dehradun

4 - 5 Yr

Dehradun, UK

Not disclosed

Department

4 hours ago



### Activity Coordinator

The Doon School, Dehradun

4 - 5 Yr

Dehradun, UK

Not disclosed

Department

4 hours ago

Previous

1

2

3

Next

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## Administration Login

Email\*

dev.admin.xyz@gmail.com

Password\*

.....

Sign in

dev.visionclara@gmail.com

Candidates

Schools

Manage Jobs

Applications

Requests

Reviews

Search...

Select Position

+ New Candidate

Name	Email	Looking For	Mobile	Experience	Registered on	Resume	
Rohan	rohan@gmail.com	Director of Schools	3123123212	10	1 day ago	NA	...
Krishna Kant Vishwakarma	krishnakantvish.24@gmail.com	Principal	7697114202	2	8 days ago	<a href="#">Link</a>	...
visionclara - dev	dev.visionclara@gmail.com	Principal	7873213238	12	08/03/2024	NA	...
Subham Sahu	subhamsahu1120@gmail.com	Head of Residence (HOR)	7974912808	NA	19 days ago	<a href="#">Link</a>	...

Page 1 of 1  
Total Records : 4

Previous Next

Candidates

Schools

Manage Jobs

Applications

Requests

Reviews

← View/Edit Candidate



### Basic Details

Name

Krishna Kant Vishwakarma

Headline

Some Bio

Total Experience

2

Contact

7697114202

Email

krishnakantvish.24@gmail.com

School Profile Page

Save

Experience Details

Education Details

Languages

Skills

Additional Questions



← View/Edit Candidate

Basic Details

Experience Details

Employer

DPS SCHOOL

Employment Type

FULL TIME

Designation

IT Head

Start Date

01-05-2023

End Date

01-03-2024

Description

Enter description

Save

+ Add New Experience

Education Details

Languages

Skills

Additional Questions

← View/Edit Candidate

Basic Details

Experience Details

Education Details

Education

POST GRADUATION

Education Type

FULL TIME

Course

Master of Computer Applications

Specialisation

Computer Applications

Institute/University

Madhav Institute of Technology and Science

Marks

8.91 CGPA

Start Date

01-11-2021

Description

01-11-2022

Save

+ Add New Education

Languages

Skills

Additional Questions



- [Candidates](#)
- [Schools](#)
- [Manage Jobs](#)
- [Applications](#)
- [Requests](#)
- [Reviews](#)

← View/Edit Candidate



Basic Details

Experience Details

Education Details

Languages

English, Hindi

Save

Skills

C++, JAVA, Python, HTML, CSS, JS

Save

Additional Questions



- [Candidates](#)
- [Schools](#)
- [Manage Jobs](#)
- [Applications](#)
- [Requests](#)
- [Reviews](#)

← View/Edit Candidate



Basic Details

Experience Details

Education Details

Languages

Skills

Additional Questions

Position you are looking for?

Principal

What is your current salary? (If applicable)

232323232

What is your salary expectation?

700000000

What is your notice period in days? (If applicable)

90

Reasons behind your decision to move? (If applicable)

Some depression

Are you open for relocation?

Yes

Are you married?

Yes

Save

← Create New Candidate

Name	Total Experience
Pranjal Sengar	2
Contact	Email
8839131741	pranjal.s.2210@gmail.com
Position candidate is looking for?	Current Monthly Salary (INR)
IT Head	560000

PRANJAL SENGAR RESUME

Cancel Create

Search by name, email or e

+ New School

Name	Email	Phone Number	Location	
Vivekananda Vidyapeeth	krishnakantvish.24@gmail.com	7697114202	Bhopal, Madhya Pradesh	...
Ayushi School	22ca10pr43@mitsgwl.ac.in	9179559320	Gwalior, MP	...
Sobham Primary School	krishnarma80919@gmail.com	7974912808	Jabalpur, Madhya Pradesh	...
The Sobham School	dev.visionclara@gmail.com	7974912808	Jabalpur, Madhya Pradesh	...
The Ayushi School	ayushi@gmail.com	9993682479	Gwalior, Madhya Pradesh	...
The Scindia School	dps@gmail.com	1232312322	Gwalior, Madhya Pradesh	...

Page 1 of 1  
Total Records :6

← View/Edit School

Basic Details

Name	Email
Vivekananda Vidyapeeth	krishnakantvish.24@gmail.com
Phone Number	Website
7697114202	https://www.vivo.com/in
Address Line 1	Address Line 2
47, Mahajuri Isalan road	piplani bhel
City	State
Bhopal	Madhya Pradesh
Country	Zipcode
india	462023

School Description

Test data

School Logo

download (1)

School Photo

download

Save

Contact Persons

Departments Details



- Candidates
- Schools
- Manage Jobs
- Applications
- Requests
- Reviews

## ← Create New School

Name	The XYZ SCHOOL		Email	xyzschool@gmail.com
Phone Number	8831232312		Website	https://www.xyzschool.com
Address Line 1	E-747, abc		Address Line 2	Enter line 2
City	Bhopal		State	Madhya Pradesh
Country	India		Zipcode	483892
Contact person 1 name	Contact person 1 email	Contact person 1 phone number		
Subham Sahu	subham@gmail.com	8796869768		

Add contact person +

Cancel

Create

- Candidates
- Schools
- Manage Jobs
- Applications
- Requests
- Reviews

Search by position

Filters

+ New Job

Job Id	Position	Location	Experience	Salary	Openings	Posted	Full Time
#5	Fine Arts/ Art & Craft Faculty	Gwalior	6 - 8	3,00,000 - 5,00,000	4	NA	NO
#4	Bursar	Gwalior	6 - 8	3,00,000 - 5,00,000	1	NA	NO
#3	Dean of Sports	Gwalior	1 - 3	1,00,000 - 3,00,000	2	NA	NO
#1	Principal	India	1 - 2	10,000 - 20,000	2	13 days ago	YES

Page 1 of 1  
Total Records :4

- Candidates
- Schools
- Manage Jobs
- Applications
- Requests
- Reviews

## ← Create New Job

Position	School		
Head of Sports	Vivekananda Vidyapeeth (krishnakantvish.24@gmail.com)		
Department	Location		
Sports	Bhopal		
Min Experience	Max Experience	Min Salary	Max Salary
3	5	400000	499998
Openings			
1			
Job Description			
Head of Sports			

Cancel

Create

Candidates

Schools

Manage Jobs

Applications

Requests

Reviews

Search by Job Id, position, email

Select Status

+ New Application

Job	Position	Candidate	Email	Applied on	Last Updated	Status	
#1	Principal	Krishna Kant Vishwakarma	krishnakantvish24@gmail.com	4/6/2024	4/6/2024	SELECTED	...
#1	Principal	Krishna Kant Vishwakarma	krishnakantvish24@gmail.com	4/6/2024	4/6/2024	REVOKED	...
#		visionclara-dev	dev.visionclara@gmail.com	3/25/2024	3/25/2024	APPLIED	...

Candidates

Schools

Manage Jobs

Applications

Requests

Reviews

← Create New Application

#3 (Dean of Sports)

Rohan (rohan@gmail.com)

Create

Candidates

Schools

Manage Jobs

Applications

Requests

Reviews

Search user name

Select Type

+ New Review

User	User Type	Description	Rating	Is Public?	Review	
Krishna	CANDIDATE	Software Engineer	3	No	The Oracle Financial Service...	...
Subham Sahu	CANDIDATE	Full Stack Developer	4	Yes	Test test test test etest test	...
SS	CANDIDATE	FS	5	Yes	test	...
visionclara-dev	CANDIDATE	NA	5	Yes	All good	...
visionclara-dev	CANDIDATE	NA	2	No	test	...
Krishna Kant Vishwakarma	CANDIDATE	Some Bio	5	No	Test Feedback	...

Page 1 of 1  
Total Records :6

PreviousNext

Candidates

Schools

Manage Jobs

Applications

Requests

Reviews

← Create New Review

User Name

Pranjal

Designation/Location

Gwalior

Type

CANDIDATE

Rating

4

Profile

Review

Excellent platform

Create

- Candidates
- Schools
- Manage Jobs
- Applications
- Manage Requests
- Reviews

Search by Request ID

Select Status

Request ID	School	Type	Status
#17	The Subham School	Candidate Requests	APPROVED
#20	The Subham School	Candidate Requests	APPROVED
#32	The Subham School	Candidate Requests	APPROVED
#11	The Subham School	Delete Job Request	APPROVED
#30	The Subham School	Update Job Request	REJECTED
#28	The Subham School	Update Job Request	APPROVED
#29	The Subham School	Post Job Request	APPROVED
#21	The Subham School	Post Job Request	APPROVED
#27	The Subham School	Candidate Full Details Request	APPROVED
#26	The Subham School	Candidate Full Details Request	OPEN

Page 1 of 4  
Total Records :10

Previous Next

- Candidates
- Schools
- Manage Jobs
- Applications
- Manage Requests
- Reviews

### ← Process Request #35

Fine Arts/ Art & Craft Faculty

The Subham School, Jabalpur

6 - 8 Yr. | Rs. 3 - Rs. 5 | Gwallor | Computer Science | Opening: 4

#### Job Description

Nested schemas can have middleware, custom validation logic, virtuals, and any other feature top-level schemas can use.

Reject

Approve

- Candidates
- Schools
- Manage Jobs
- Applications
- Manage Requests
- Reviews

### ← Process Request #34

Bursar

The Subham School, Jabalpur

6 - 8 Yr. | 5 - 10 Yr. | Rs. 3 - Rs. 5 | Rs. 5 - Rs. 8 | Gwallor | Computer Science | Opening: 4-10

#### Job Description

Nested schemas can have middleware, custom validation logic, virtuals, and any other feature top-level schemas can use.

Our school is a vibrant community where students thrive academically and socially. With a focus on holistic education, we nurture creativity, critical thinking, and character development. Our dedicated faculty members are committed to providing personalized attention and innovative teaching methods. We offer a wide range of extracurricular activities, ensuring that every student can explore their interests and talents.

Reject

Approve



# CHAPTER 7

## CONCLUSION

## CHAPTER 7: CONCLUSION

In conclusion, the EduNow project is a shining example of creativity and quality in resolving the recruitment issues that top Asian and Indian schools encounter. We have created a path toward changing the recruiting environment in the education sector with our specific knowledge, broad network, and dedication to quality. We have developed a comprehensive solution that not only satisfies the needs of schools but also goes above and beyond their expectations after carefully examining the issues currently plaguing the recruitment process.

At EduNow Consultants, we understand the critical role that leadership and faculty members play in shaping the academic environment and overall success of educational institutions. Our dedication to serving the education sector is reflected in our tailored approach to recruitment, where we prioritize understanding the unique requirements and challenges faced by each school. This personalized approach ensures that we source and connect exceptional talent that aligns with the values and vision of the institution, thereby contributing to its long-term success.

Furthermore, our holistic approach to recruitment goes beyond traditional methods by incorporating consultation and advisory services. Through our consultation services, we provide valuable insights and guidance to help schools attract, develop, and retain top talent in an increasingly competitive education landscape.

## **BIBLIOGRAPHY**

Here are some potential references for EduNow Consultants.

1. <https://react.dev/learn>
2. <https://www.w3schools.com/js/default.asp>
3. <https://www.npmjs.com>
4. <https://ui.shadcn.com/>
5. <https://nextjs.org/>
6. <https://in.indeed.com/>
7. <https://naukri.com/>
8. [https://www.researchgate.net/figure/Data-Flow-Diagram-DFD\\_fig2\\_337401425](https://www.researchgate.net/figure/Data-Flow-Diagram-DFD_fig2_337401425)



# PLAGIARISM REPORT

## Similarity Report

PAPER NAME

PRANJAL\_PLAG-1.pdf

AUTHOR

PRANJAL Sengar

WORD COUNT

5000 Words

CHARACTER COUNT

27589 Characters

PAGE COUNT

20 Pages

FILE SIZE

811.2KB

SUBMISSION DATE

Apr 15, 2024 3:17 PM GMT+5:30

REPORT DATE

Apr 15, 2024 3:18 PM GMT+5:30

### ● 11% Overall Similarity

The combined total of all matches, including overlapping sources, for each database.

- 5% Internet database
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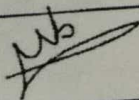
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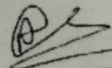
- Bibliographic material

Summary

# FORTNIGHTLY PROGRESS REPORT (FPR) – 1

## FORTNIGHTLY PROGRESS REPORT (FPR) FROM INDUSTRY MENTOR

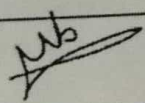
Name of student	Pranjal Sengar		Department	MCA	
Industry/Organization	VisionClara IT Solutions		Date/Duration	01/01/2024 – 15/01/2024	
<b>Criterion</b>	<b>Poor</b>	<b>Average</b>	<b>Good</b>	<b>Very Good</b>	<b>Excellent</b>
Punctuality/Timely completion of assigned work					✓
Learning capacity/Knowledge up gradation					✓
Performance/Quality of work				✓	
Behaviour/Discipline/Team work					✓
Sincerity/Hard work					✓
Comment on nature of work done/Area/Topic	<p>Day to day tasks involved,</p> <ul style="list-style-type: none"> <li>- Understanding the project requirements.</li> <li>- Developed UI as per the requirements.</li> <li>- Resolved feedback on code review</li> </ul>				
<b>OVERALL GRADE (Any one)</b>	<b><u>POOR/AVERAGE/GOOD/VERYGOOD/EXCELLENT</u></b>				
<b>Name of Industry Mentor</b>	Subham Sahu (Senior Developer)				
<b>Signature of Industry Mentor</b>					

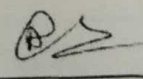
Receiving Date	1/2/24	Name of Faculty Mentor	Dr. Anshu Chaturvedi	Sign	
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# FORTNIGHTLY PROGRESS REPORT (FPR) – 2

## FORTNIGHTLY PROGRESS REPORT (FPR) FROM INDUSTRY MENTOR

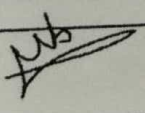
Name of student	Pranjal Sengar		Department	MCA	
Industry/Organization	VisionClara IT Solutions		Date/Duration	16/01/2024 – 31/01/2024	
<b>Criterion</b>	<b>Poor</b>	<b>Average</b>	<b>Good</b>	<b>Very Good</b>	<b>Excellent</b>
Punctuality/Timely completion of assigned work					✓
Learning capacity/Knowledge up gradation					✓
Performance/Quality of work				✓	
Behaviour/Discipline/Team work					✓
Sincerity/Hard work					✓
Comment on nature of work done/Arca/Topic	<p>Day to day tasks involved,</p> <ul style="list-style-type: none"> <li>- Understanding the project requirements.</li> <li>- Developed UI as per the requirements.</li> <li>- Resolved feedback on code review</li> </ul>				
<b><u>OVERALL GRADE (Any one)</u></b>	<b><u>POOR/AVERAGE/GOOD/VERYGOOD/EXCELLENT</u></b>				
<b><u>Name of Industry Mentor</u></b>	Subham Sahu (Senior Developer)				
<b><u>Signature of Industry Mentor</u></b>					

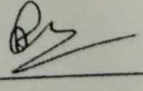
Receiving Date	11/2/24	Name of Faculty Mentor	Dr. Anshu Chaturvedi	Sign	
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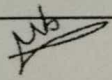
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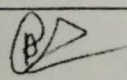
Name of student	Pranjal Sengar		Department	MCA	
Industry/Organization	VisionClara IT Solutions		Date/Duration	01/02/2024 – 15/02/2024	
<b>Criterion</b>	<b>Poor</b>	<b>Average</b>	<b>Good</b>	<b>Very Good</b>	<b>Excellent</b>
Punctuality/Timely completion of assigned work					✓
Learning capacity/Knowledge up gradation					✓
Performance/Quality of work				✓	
Behaviour/Discipline/Team work					✓
Sincerity/Hard work					✓
Comment on nature of work done/Area/Topic	<p>Worked on following areas,</p> <ul style="list-style-type: none"> <li>- API Integration</li> <li>- Built functionalities like search, filter, pagination, and sorting.</li> <li>- Resolved feedback on code review</li> </ul>				
<b>OVERALL GRADE (Any one)</b>	<b><u>POOR/AVERAGE/GOOD/VERY GOOD/EXCELLENT</u></b>				
<b>Name of Industry Mentor</b>	Subham Sahu (Senior Developer)				
<b>Signature of Industry Mentor</b>					

Receiving Date	20/2/24	Name of Faculty Mentor	DR. ANSHU CHATURVEDI	Sign	
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## FORTNIGHTLY PROGRESS REPORT (FPR) – 4

### FORTNIGHTLY PROGRESS REPORT (FPR) FROM INDUSTRY MENTOR

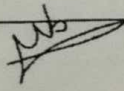
Name of student	Pranjal Sengar		Department	MCA	
Industry/Organization	VisionClara IT Solutions		Date/Duration	16/02/2024 – 28/02/2024	
<b>Criterion</b>	<b>Poor</b>	<b>Average</b>	<b>Good</b>	<b>Very Good</b>	<b>Excellent</b>
Punctuality/Timely completion of assigned work					✓
Learning capacity/Knowledge up gradation					✓
Performance/Quality of work					✓
Behaviour/Discipline/Team work					✓
Sincerity/Hard work					✓
Comment on nature of work done/Area/Topic	<p>Worked on Review and Rating Feature,</p> <ul style="list-style-type: none"> <li>- Built APIs for CRUD operations on Reviews.</li> <li>- Built UI for user to submit review</li> <li>- API Integration</li> </ul>				
<b><u>OVERALL GRADE (Any one)</u></b>	<b><u>POOR/AVERAGE/GOOD/VERY GOOD/EXCELLENT</u></b>				
<b><u>Name of Industry Mentor</u></b>	Subham Sahu ( Senior Developer)				
<b><u>Signature of Industry Mentor</u></b>					

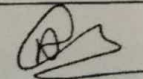
Receiving Date	05/3/24	Name of Faculty Mentor	DR.ANSHU CHATURVEDI	Sign	
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### FORTNIGHTLY PROGRESS REPORT (FPR) FROM INDUSTRY MENTOR

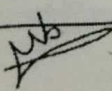
Name of student	Pranjal Sengar	Department	MCA		
Industry/Organization	VisionClara IT Solutions	Date/Duration	01/03/2024 – 15/03/2024		
<b>Criterion</b>	<b>Poor</b>	<b>Average</b>	<b>Good</b>	<b>Very Good</b>	<b>Excellent</b>
Punctuality/Timely completion of assigned work					✓
Learning capacity/Knowledge up gradation					✓
Performance/Quality of work					✓
Behaviour/Discipline/Team work					✓
Sincerity/Hard work					✓
Comment on nature of work done/Area/Topic	<p>Worked on following areas,</p> <ul style="list-style-type: none"> <li>- Manual Testing of all functionalities.</li> <li>- Reporting bugs and improvements in UI.</li> <li>- Deployment to different environments - production, dev.</li> </ul>				
<b><u>OVERALL GRADE (Any one)</u></b>	<b><u>POOR/AVERAGE/GOOD/VERY GOOD/EXCELLENT</u></b>				
<b><u>Name of Industry Mentor</u></b>	Subham Sahu (Senior Developer)				
<b><u>Signature of Industry Mentor</u></b>					

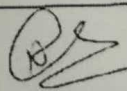
Receiving Date	19/3/24	Name of Faculty Mentor	DR. ANSHU CHATURVEDI	Sign	
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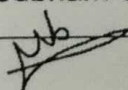
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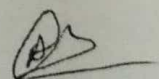
Name of student	Pranjal Sengar		Department	MCA	
Industry/Organization	VisionClara IT Solutions		Date/Duration	16/03/2024 – 31/03/2024	
<b>Criterion</b>	<b>Poor</b>	<b>Average</b>	<b>Good</b>	<b>Very Good</b>	<b>Excellent</b>
Punctuality/Timely completion of assigned work					✓
Learning capacity/Knowledge up gradation					✓
Performance/Quality of work					✓
Behaviour/Discipline/Team work					✓
Sincerity/Hard work					✓
Comment on nature of work done/Area/Topic	<p>Worked on following areas,</p> <ul style="list-style-type: none"> <li>- Form submission - Create, Update, Delete Data.</li> <li>- Form validation and Error handling.</li> </ul>				
<b><u>OVERALL GRADE (Any one)</u></b>	<b><u>POOR/AVERAGE/GOOD/VERY GOOD/EXCELLENT</u></b> ✓				
<b><u>Name of Industry Mentor</u></b>	Subham Sahu (Senior Developer)				
<b><u>Signature of Industry Mentor</u></b>					

Receiving Date	2/4/24	Name of Faculty Mentor	DR. ANSHU CHATURVEDI	Sign	
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# FORTNIGHTLY PROGRESS REPORT (FPR) – 7

## FORTNIGHTLY PROGRESS REPORT (FPR) FROM INDUSTRY MENTOR

Name of student	Pranjal Sengar	Department	MCA		
Industry/Organization	VisionClara IT Solutions	Date/Duration	01/04/2024 – 15/04/2024		
<b>Criterion</b>	<b>Poor</b>	<b>Average</b>	<b>Good</b>	<b>Very Good</b>	<b>Excellent</b>
Punctuality/Timely completion of assigned work					✓
Learning capacity/Knowledge up gradation					✓
Performance/Quality of work				✓	
Behaviour/Discipline/Team work					✓
Sincerity/Hard work					✓
Comment on nature of work done/Area/Topic	<p>Worked on following areas,</p> <ul style="list-style-type: none"> <li>- API Performance testing using Dev Tools and Postman</li> <li>- MongoDB query optimization for better performance.</li> </ul>				
<b><u>OVERALL GRADE (Any one)</u></b>	<b><u>POOR/AVERAGE/GOOD/VERY GOOD/EXCELLENT</u></b> ✓				
<b><u>Name of Industry Mentor</u></b>	Subham Sahu (Senior Developer)				
<b><u>Signature of Industry Mentor</u></b>					

Receiving Date	16/4/24	Name of Faculty Mentor	DR. ANSHU CHATURVEDI	Sign	
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