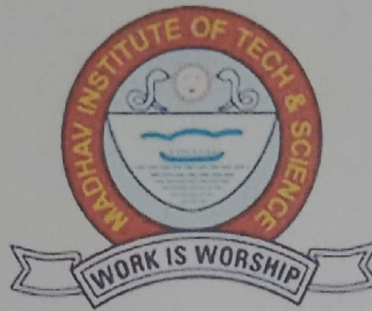


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Project Report

on

PLACEMENT TRACKING WEBSITE

Submitted by:

Ruby Prajapati

0901CS191102

Tanupriya Saxena

0901CS191130

Faculty Mentor:

Dr. Anjula Mehto

Assistant Professor, Computer Science and Engineering

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

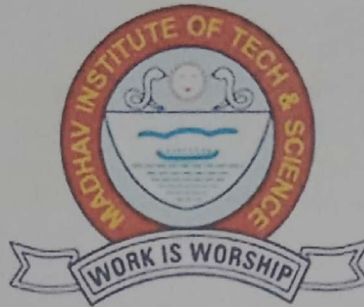
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Project Report

on

PLACEMENT TRACKING WEBSITE

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

BACHELOR OF TECHNOLOGY

in

COMPUTER SCIENCE AND ENGINEERING

Submitted by:

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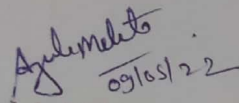
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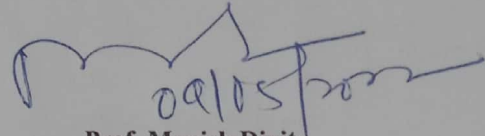
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
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CERTIFICATE

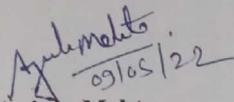
This is certified that **Tanupriya Saxena** (0901CS191130) have submitted the project report titled Placement Tracking Website under the mentorship of **Dr. Anjula Mehto**, in partial fulfilment of the requirement for the award of degree of Bachelor of Technology in **Computer Science and Engineering** from Madhav Institute of Technology and Science, Gwalior.


Dr. Anjula Mehto
Faculty member
Assistant Professor
Computer Science and Engineering

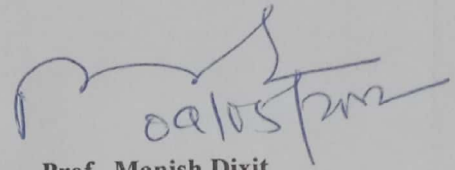

Prof. Manish Dixit
Professor and Head,
Computer Science and Engineering
Dr. Manish Dixit
Professor & HOD
Department of CSE
M.I.T.S. Gwalior

CERTIFICATE

This is certified that **Ruby Prajapati** (0901CS191102) have submitted the project report titled Placement Tracking Website under the mentorship of **Dr. Anjula Mehto**, in partial fulfilment of the requirement for the award of degree of Bachelor of Technology in **Computer Science and Engineering** from Madhav Institute of Technology and Science, Gwalior.


09/05/22

Dr. Anjula Mehto
Faculty member
Assistant Professor
Computer Science and Engineering


09/05/22

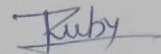
Prof. Manish Dixit
Professor and Head,
Computer Science and Engineering

Dr. Manish Dixit
Professor & HOD
Department of CSE
M.I.T.S. Gwalior

DECLARATION

We hereby declare that the work being presented in this project report, for the partial fulfilment of requirement for the award of the degree of Bachelor of Technology in Computer Science and Engineering at Madhav Institute of Technology & Science, Gwalior is an authenticated and original record of my work under the mentorship of **Dr. Anjula Mehto, Assistant professor**, Computer Science and Engineering Branch.

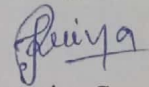
I declare that I have not submitted the matter embodied in this report for the award of any degree or diploma anywhere else.



Ruby Prajapati
(0901CS191102)

III Year

Computer Science and Engineering



Tanupriya Saxena
(0901CS191130)

III Year

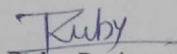
Computer Science and Engineering

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/interdisciplinary project as a curriculum requirement, under the provisions of the Flexible Curriculum Scheme (based on the AICTE Model Curriculum 2018), approved by the Academic Council of the institute. 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 Information Technology**, 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.

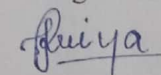
I am sincerely thankful to my faculty mentors. I am grateful to the guidance of **Dr. Anjula Mehto**, Assistant Professor, Computer Science and Engineering, for there continued support and guidance throughout the project. I am also very thankful to the faculty and staff of the department.


Ruby Prajapati

(0901CS191102)

III Year

Computer Science and Engineering



Tanupriya Saxena

(0901CS191130)

III Year

Computer Science and Engineering

ABSTRACT

The main objective of our “**Placement Tracking Website**” is to create a platform where people can search for all the information related to Training and Placement practices as well as pre-existing records of Recruitment and recruiters. Under this website A User can create his/her profile and can clear their queries in the community section or through mail after login for authentication . The community posts will be viewed to all the users of the Website. Here a user can also mark there favourite companies for which they will be receiving notifications when any updates posted. The users have to register themselves first to view the records or any other related info. The comment section works in real-time and the comment will be published after the user login and publish the comment. for keeping sign up process simple minimal necessary info required to sign up. Further users can update there remaining profile information as required.

KEYWORD : TECH STACK: HTML, CSS, PHP, BOOTSTRAP, MYSQL

सार :

हमारी “प्लेसमेंट ट्रेकिंग वेबसाइट” का मुख्य उद्देश्य एक मंच जहां लोग प्रशिक्षण और प्लेसमेंट प्रथाओं के साथ-साथ भर्ती और भर्ती करने वालों के पहले से मौजूद रिकॉर्ड सामग्री की तालिका संबंधित सभी जानकारी खोज सकते हैं। इस वेबसाइट के तहत एक उपयोगकर्ता अपनी प्रोफाइल बना सकता है और प्रमाणीकरण के लिए लॉगिन करने के बाद समुदाय अनुभाग में या मेल के माध्यम से अपने प्रश्नों को साफ़ कर सकता है। सामुदायिक पोस्ट वेबसाइट के सभी उपयोगकर्ताओं के लिए देखी जाएंगी। यहां एक उपयोगकर्ता पसंदीदा कंपनियों को भी चिह्नित कर सकता है जिसके लिए कोई भी अपडेट पोस्ट किए जाने पर उन्हें सूचनाएं प्राप्त होंगी। रिकॉर्ड या किसी अन्य संबंधित जानकारी को देखने के लिए उपयोगकर्ताओं को पहले खुद को पंजीकृत करना होगा। टिप्पणी अनुभाग वास्तविक समय में काम करता है और टिप्पणी उपयोगकर्ता लॉगिन और टिप्पणी प्रकाशित करने के बाद प्रकाशित की जाएगी। साइन अप प्रक्रिया को सरल रखने के लिए साइन अप करने के लिए आवश्यक न्यूनतम आवश्यक जानकारी। आगे उपयोगकर्ता आवश्यकतानुसार शेष प्रोफाइल जानकारी को अपडेट कर सकते हैं।

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CHAPETER 1: INTRODUCTION

The Projects works with the idea of Placement and Training Management Platform. Here people can look for all their training and placement related updates, activities and records. They will also be getting platform to put up queries within community when not only the TNP but anyone among community can respond and publish their views.

1.1: Project Aim

The Purpose of the whole project is to make it easier for the students to get aware of all Training and Placement activities and never miss an update by presenting all in one resource corner and one stop website.

1.2: Objective

Enhance the working and processing of the training and placement by providing our one stop website.
Making all Students aware about the placement, training and how it is conducted at very early stage itself.
Hence, It will also help in enhancing the no. of placed students.

CHAPTER 2: SYSTEM ANALYSIS

2.1 System Architecture

Tech Stacks: **HTML, CSS, PHP, BOOTSTRAP, JavaScript , Mysql .**

- Home Page
 - Navigation Menu Bar
 - Home
 - About
 - Contact
 - Records
 - Recruiters
 - Login
 - Logout
 - Sign-up (Updated)
 - Footer Section links (Updated)
- Internal Home Page
- Records Page (Updated)
- Recruiters Page (Updated)
- Section for Important links
- Login Page (Updated)
- Logout Page
- Sign-up Page (Update)
- Database using PHP
- Admin Portal (Updated)
- Community (Updated)
- Profile Updation Page

CHAPTER 3: SYSTEM SPECIFICATION

3.1 Hardware Specification

Since the hardware is the important part while developing a web project, it's necessary to find hardware requirements.

Processor—

The minimum level of required processor for this platform is Pentium IV with 800 MHz processing speed.

Since the time taken for processing the instruction depends on the processor power, so it is very important to choose the required processor

RAM—

For higher speed of the processing, it also depends on the memory. Therefore, for better performance minimum RAM should be 2 GB.

Hard disk—

In modern days, a vast amount of data is generated daily from the internet platforms. So, a good size of hard disk is required for the storage of the processed data.

Cache Memory—

Access time of the operation tasks mainly depends on the cache memory. Therefore, the recommended cache memory is 1000 KB

3.2 Software Specification

Our system should meet following minimum specifications

OS — Ubuntu, Windows, Mac OS

We will be using HTML, CSS, JAVASCRIPT, PHP, BOOTSTRAP and we also need an application

Visual Studio Code as code editor.

CHAPTER 4: SOFTWARE ARCHITECTURE

4.1 Architecture Overview

This application uses HTML, CSS, JavaScript languages. Front end is designed with the help of HTML CSS JS AND BOOTSTRAP. In Backend we have used PHP.

CHAPTE 5: TESTING

5.1 Testing Objective

Testing of the program is done to find errors in the given program. It is one of the major steps in the software development process. Various types of testing include system testing, integration testing, unit testing. Each of the testing processes test some specific features of the software.

5.2 integration Testing

We have multiple modules in the application. After combining them we complete testing of the module and do the integration testing. It checks the coordination between various modules of the application.

5.3 System testing

System testing is to test the execution of the whole software. It answers "Is the whole software running & performing well".

System testing is usually coming with verification and validation. Verification is the checking of items, including software, for conformance and consistency with the associated specifications. Software testing is just like verification, and also uses the techniques such as reviews, analysis, inspections and walkthroughs. Validation is the process of checking what the user actually wants.

Validation: Is the job which is being done right?

Verification: Are we performing the right job?

There are three different types of system testing which are: -

1. Logical Testing: In this type of testing, we check our software with the extreme cases.
2. Functional Testing: - In this testing we check whether the web service application is functional.
3. System Testing: - After the whole application is completed, we input test cases to check whether there isn't any error in the application.

CHAPTER 6: OVERVIEW OF THE TECHNOLOGY

Front End: Front-end web development is the development of the graphical user interface of a website, through the use of HTML, CSS, and JavaScript, so that users can view and interact with that website. **Tech Used: HTML, CSS, JavaScript , BOOTSTRAP**

6.1 HTML: The HyperText Markup Language, or HTML is the standard markup language for documents designed to be displayed in a web browser. It can be assisted by technologies such as Cascading Style Sheets (CSS) and scripting languages such as JavaScript. HTML elements are the building blocks of HTML pages.

6.2 CSS: Cascading Style Sheets is a style sheet language used for describing the presentation of a document written in a markup language such as HTML. CSS is a cornerstone technology of the World Wide Web, alongside HTML and JavaScript

6.3 JavaScript: It is a programming language, commonly used with web browsers. It is used by programmers across the world **to create dynamic and interactive web content like applications and browsers.**

6.4 BOOTSTRAP: JavaScript, often abbreviated as JS, is a programming language that Conforms to the ECMAScript specification. JavaScript is high-level, Often just-in-time compiled and multi-paradigm. It has dynamic typing, Prototype-based object-orientation and first-class functions. React also allows us to create reusable UI components.

Back End: Backend Development is also known as server-side development. It is everything that the users don't see and contains behind-the-Scenes activities that occur when performing any action on a Website. It focuses primarily on databases, backend logic, APIs, And Servers. Thus, it is called backend. **Tech used: PHP**

6.5 PHP: PHP is a general-purpose scripting language geared towards web Development. It was originally created by Danish-Canadian programmer Rasmus Lerdorf in 1994.

CHAPTER 7: PROJECT DESCRIPTION

Project Features:

- Home Page
 - Navigation Menu Bar
 - Home
 - About
 - Contact
 - Records
 - Recruiters
 - Login
 - Logout
 - Sign-up (Updated)
 - Footer Section links (Updated)
- Internal Home Page
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- Section for Important links
- Login Page (Updated)
- Logout Page
- Sign-up Page (Update)
- Database using PHP
- Admin Portal (Updated)
- Community (Updated)
- Profile Updation Page

Website Display:

The Project current status is fully developed front-end and back-end excluding some pre-planned features that would require some more time to be furnished.

Here are few images from the Project:



Figure : 7.1 Home Page

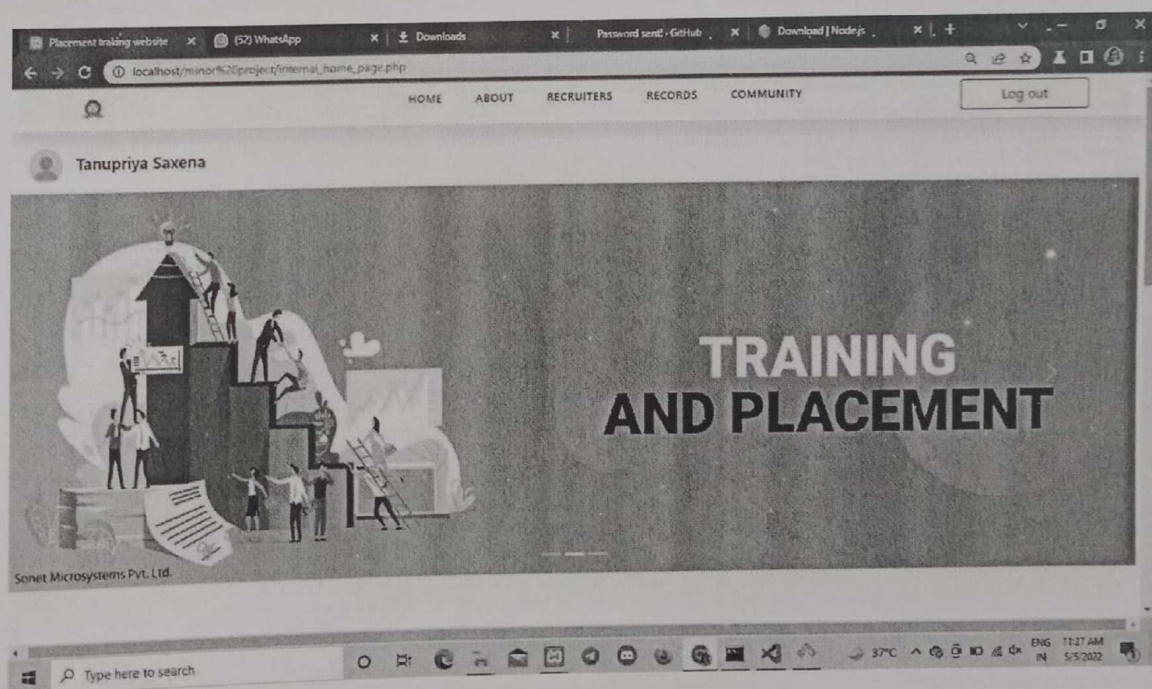


Figure : 7.2 Internal Home-Page

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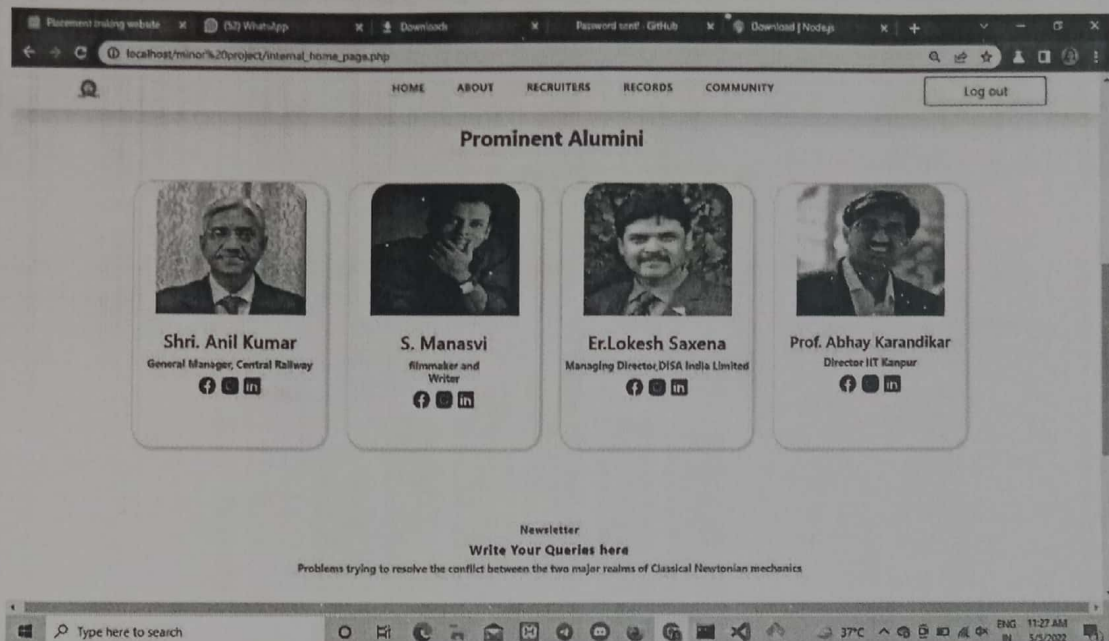


Figure : 7.3 Prominent Alumini

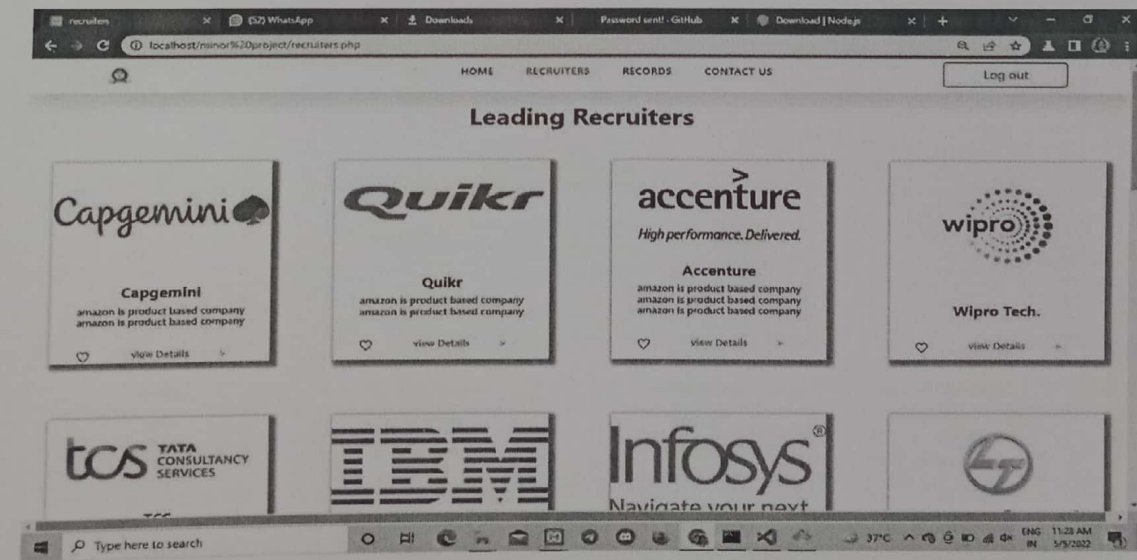


Figure : 7.4 Recruiters

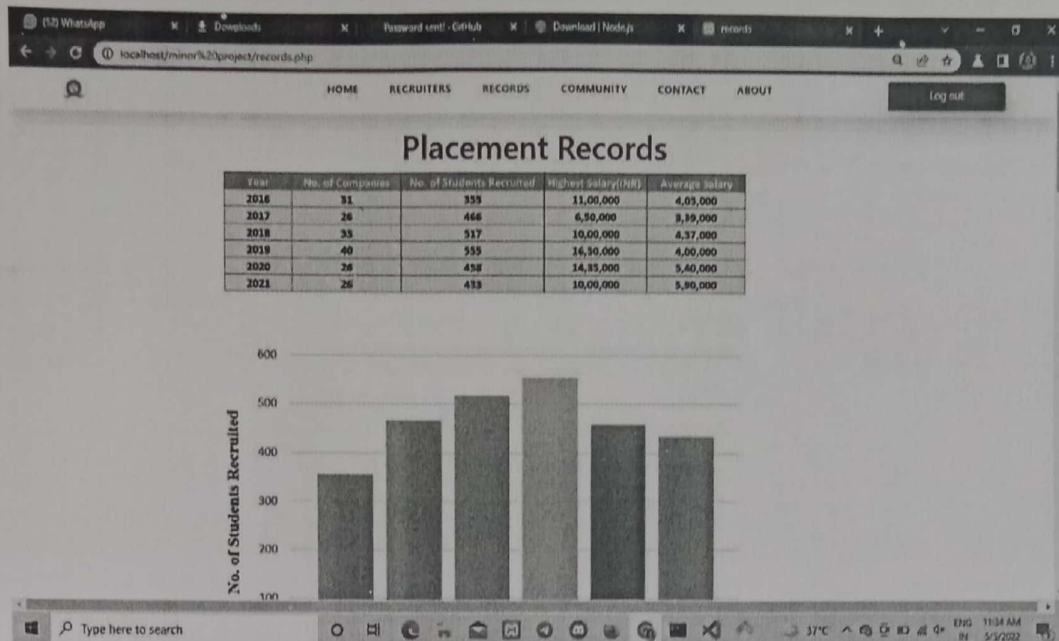


Figure : 7.5 Records Page

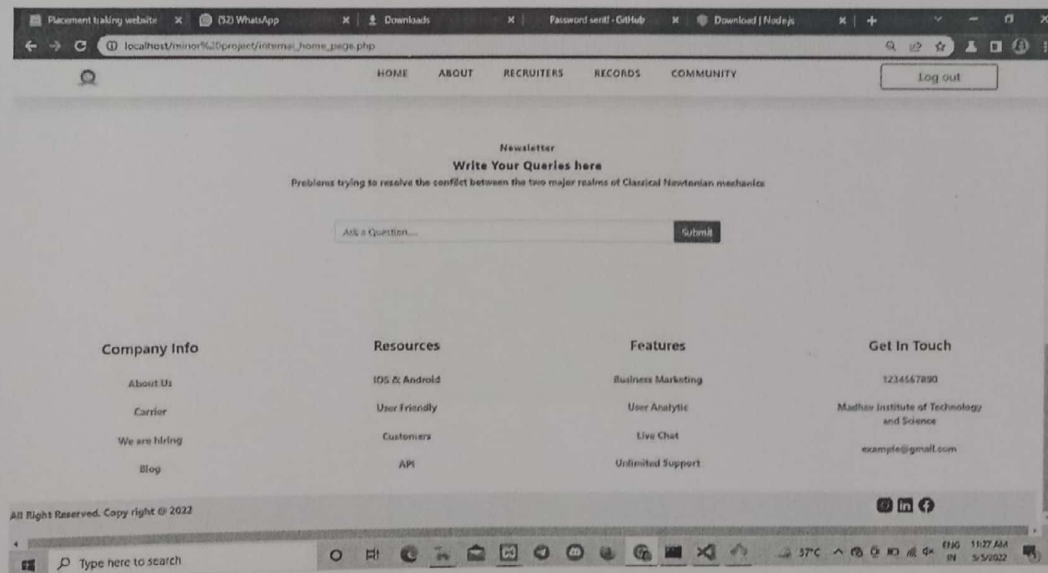
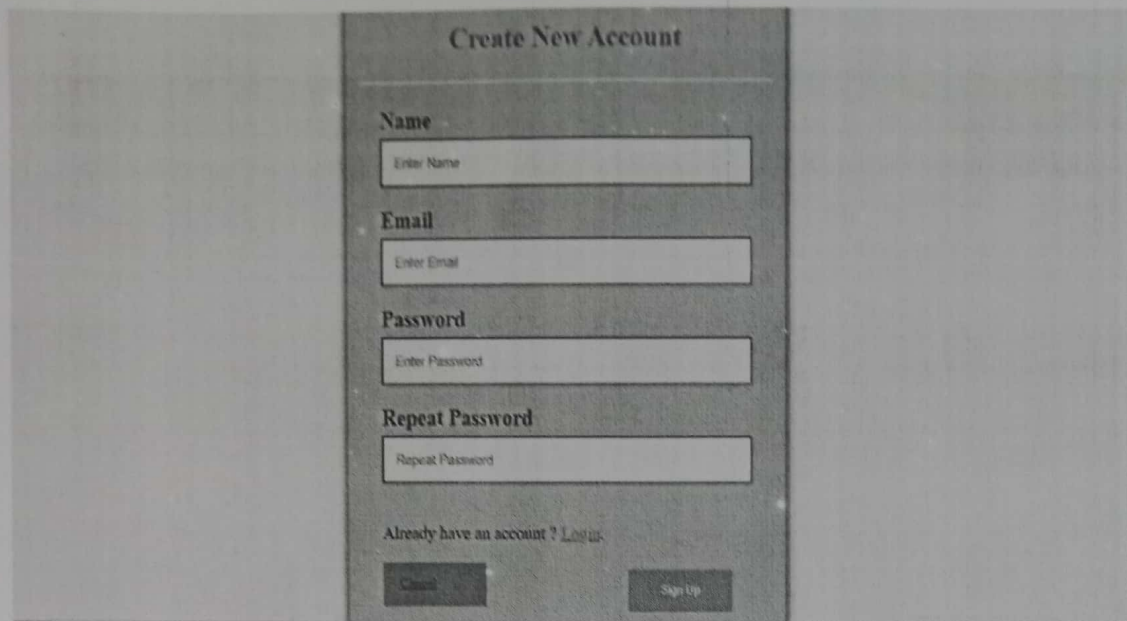
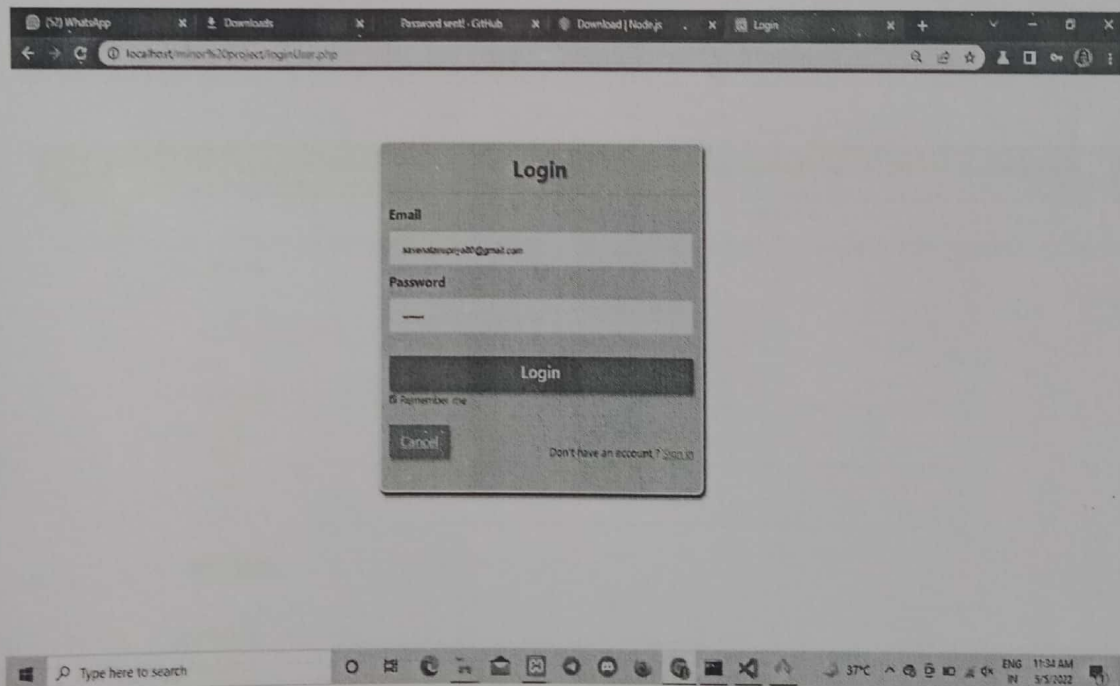


Figure : 7.6 Footer Section



The screenshot shows a web form titled "Create New Account". It contains four input fields: "Name" with placeholder text "Enter Name", "Email" with placeholder text "Enter Email", "Password" with placeholder text "Enter Password", and "Repeat Password" with placeholder text "Repeat Password". Below the fields is a link that says "Already have an account ? [Login](#)". At the bottom are two buttons: "Cancel" and "Sign Up".

Figure : 7.7 Sign-up Page



The screenshot shows a web browser window with the address bar displaying "localhost/minor%20project/loginUser.php". The browser has several tabs open, including "WhatsApp", "Downloads", "Personal stuff - GitHub", "Download | Node.js", and "Login". The main content area shows a "Login" form with an "Email" field containing "sriharidharprasad@gmail.com" and a "Password" field with a masked password. Below the fields is a "Login" button, a "Remember me" checkbox, and a "Cancel" button. At the bottom right of the form is a link that says "Don't have an account ? [Sign Up](#)". The Windows taskbar at the bottom shows the search bar, task view, and system tray with the date and time "11:34 AM 3/5/2022".

Figure :7.8 Login Page

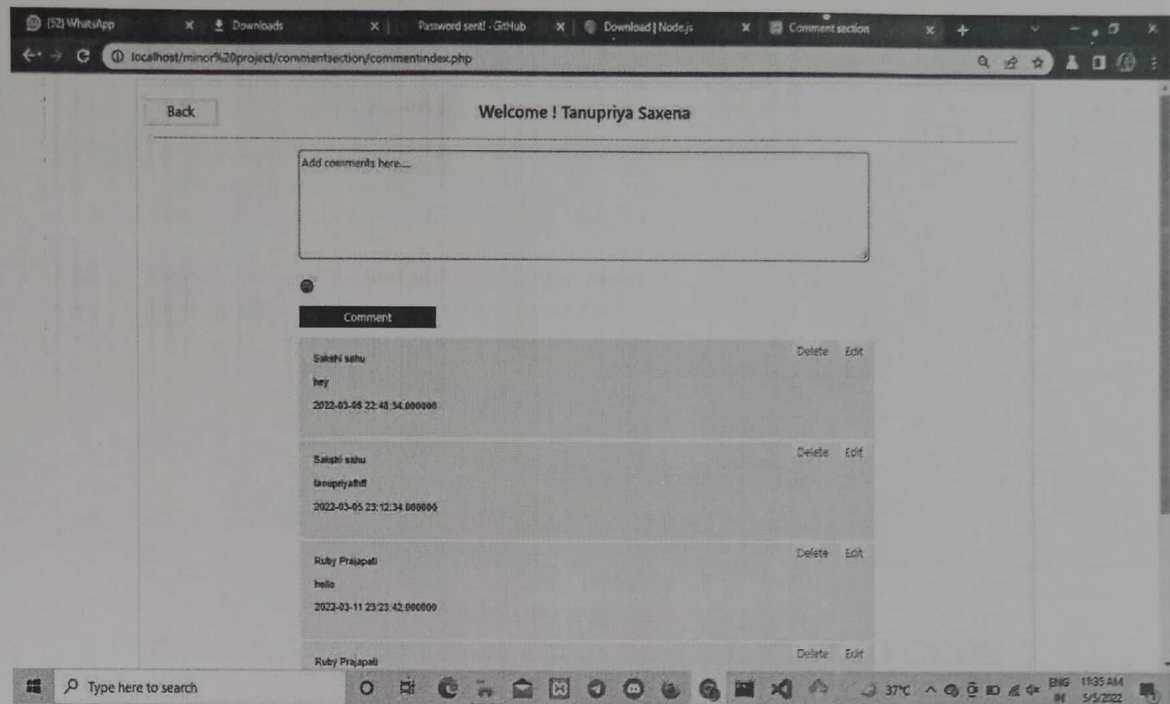


Figure : 7.9 Community Page

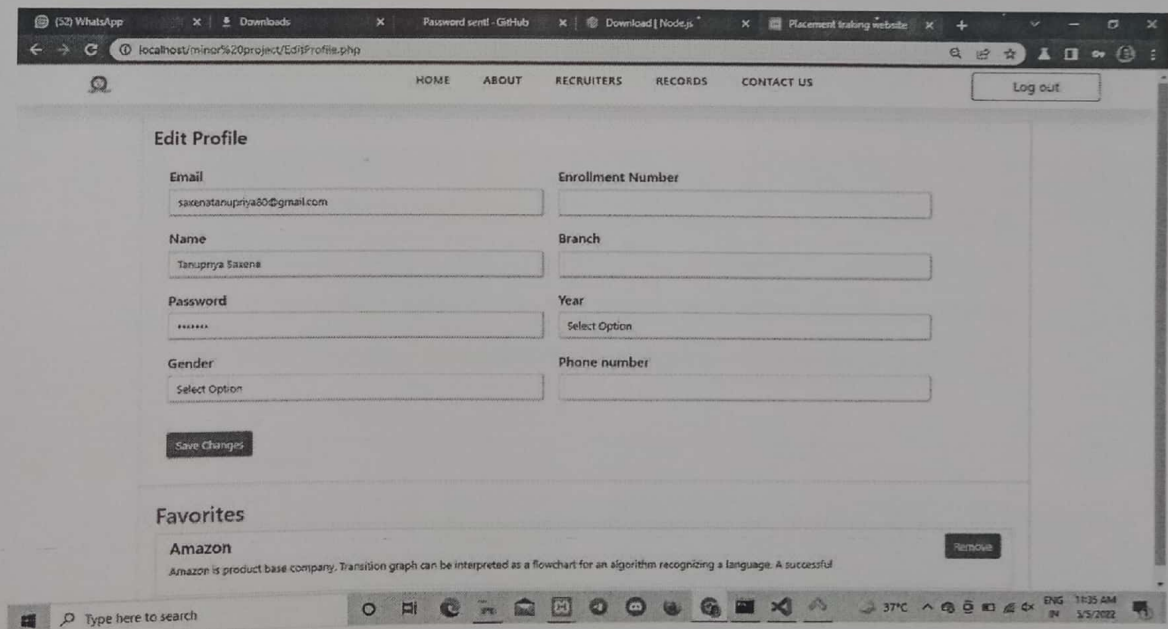


Figure : 7.10 Profile Updation Page

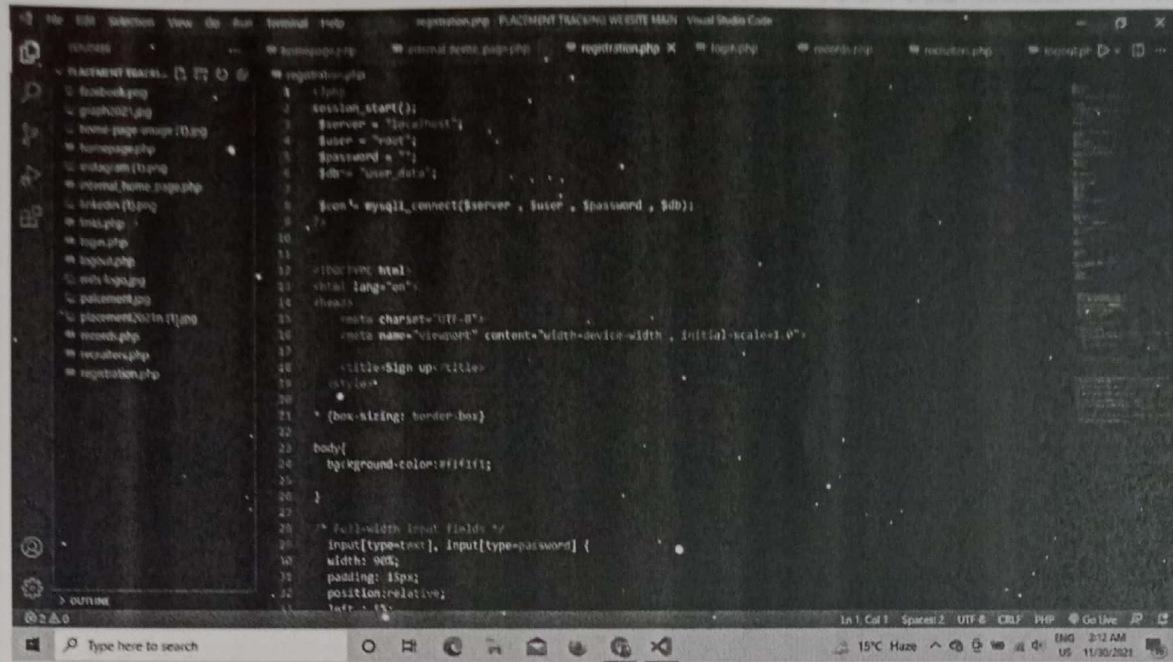


Figure : 7.11 Code Editor Used: VISUAL STUDIO CODE

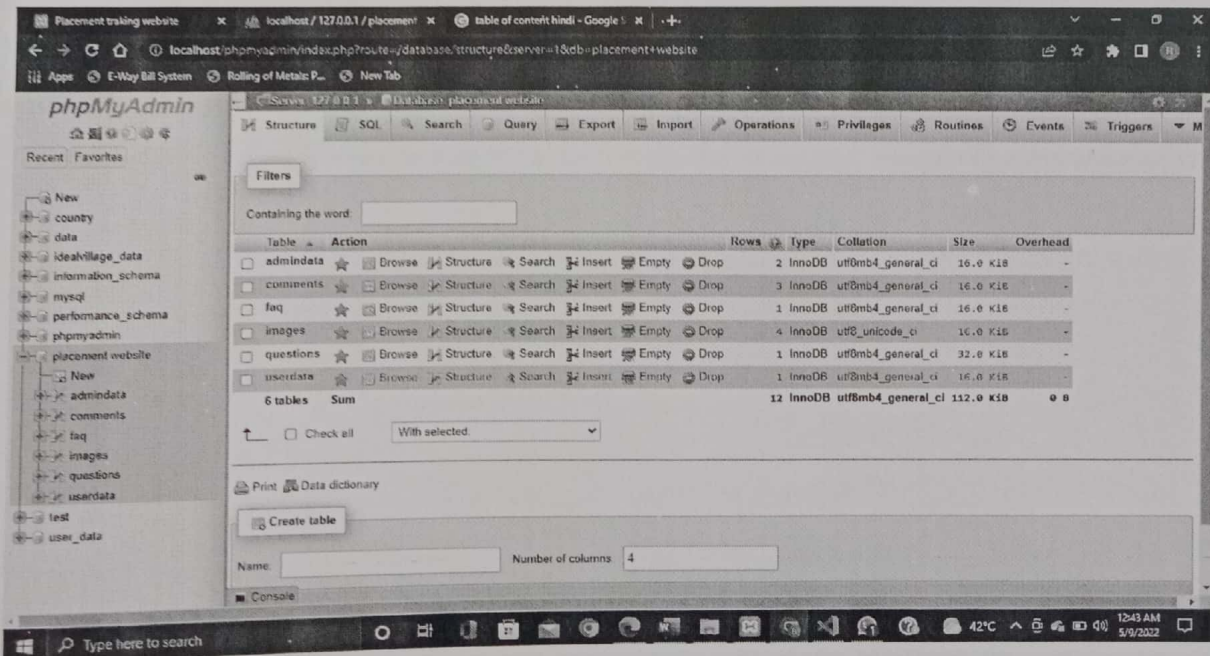


Figure : 7.12 DATABASE

CHAPTER 8: CONCLUSION

This Website serves the purpose of all Placement related queries. It's user friendly with a modern Day Interface which really easy to access. While creating this we've got a few advances that can be made in future like Providing resources that can be handy for students section, providing a chat bot To store and frequently asked queries. We also have gained better grip on front end and back-end development through this project hence adding on the skills.

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1. HTML and CSS, Design and build , , by Jon Duckett
2. JavaScript and JQuery: Interactive Front-End Web Development, by Jon Duckett