

# **TaskVauLT – AI Data management App**

## **Major Project Report**

**Submitted for the partial fulfilment of the degree of**

## **Bachelor of Technology**

**In**

## **ELECTRONICS AND TELECOMMUNICATION**

**Submitted By**

**Rajpal Singh Dawar**

**0901ET201043**

**UNDER THE SUPERVISION AND GUIDANCE OF**

**Dr. Varun Sharma**

**Assistant Professor**

**Department of Electronics Engineering**



**MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR (M.P.), INDIA**  
**माधव प्रौद्योगिकी एवं विज्ञान संस्थान, ग्वालियर (म.प्र.), भारत**

**A GOVT. AIDED UGC AUTONOMOUS INSTITUTE, AFFILIATED TO R.G.P.V. BHOPAL (M.P.), INDIA**  
**NAAC ACCREDITED WITH A++ GRADE**

---

### DECLARATION BY THE CANDIDATE

I hereby declare that the work entitled "TaskVauLT" is my work, conducted under the supervision of **Dr Varun Sharma, Assistant Professor**, during the session Jan-May 2024. The report submitted by me is a record of bonafide work carried out by me.

I further declare that the work reported in this report has not been submitted and will not be submitted, either in part or in full, for the award of any other degree or diploma in this institute or any other institute or university.

*Rajpal Singh Dawar*

**Rajpal Singh Dawar**

**0901ET201043**

**Date: 28/05/2024**

**Place: Gwalior**

---

This is to certify that the above statement made by the candidates is correct to the best of my knowledge and belief.

**Guided By:**

*Varun Sharma*  
*29/05/24*

**Dr Varun Sharma**

**Assistant Professor**

Department of electronics engineering  
MITS, Gwalior

**Departmental Project Coordinator**

*Varun Sharma*  
*29/05/24*

**Dr Varun Sharma**

**Assistant Professor**

Department of electronics engineering  
MITS, Gwalior

**Approved by HoD**

*Vandana Vikas Thakre*  
*29/5/24*

**Dr. Vandana Vikas Thakre**

**Professor**

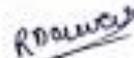
MITS, Gwalior

## PLAGIARISM CHECK CERTIFICATE

This is to certify that I/we, a student of B.Tech. in Electronics and Telecommunication have checked my complete report entitled TaskVauLT – AI Data management app for similarity/plagiarism using the “Turnitin” software available in the institute.

This is to certify that the similarity in my report is found to be <sup>18.7%</sup> ..... which is within the specified limit (30%).

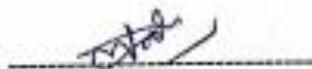
The full plagiarism report along with the summary is enclosed.



Rajpal Singh Dawar

0901ET201043

Checked & Approved By:



Dr. RP Narwaria  
Associate Professor

Department Turnitin coordinator  
Department of Electronics Engineering  
MITS, Gwalior

---

## ABSTRACT

TaskVauLT is a revolutionary task management app that utilizes AI technology to assist users in efficiently organizing their tasks and accomplishments in one convenient place. This project focuses on tackling the difficulty of arranging and remembering work achievements, especially during job changes or resume updates.

TaskVault utilizes modern web development technologies like HTML, CSS, and JavaScript on the front-end, with the back-end incorporating Django, Django REST framework, PostgreSQL, MySQL, Oracle, and GitHub Codespaces.

One important aspect of TaskVauLT is its Spotlight feature, which uses the Google Gemini AI model to create brief and pertinent summaries of user-provided information, allowing users to efficiently organize and showcase their professional data. The creation of TaskVauLT allowed me to improve my technical abilities, acquire knowledge in combining AI with online platforms, and add a valuable asset to my professional collection.

This document describes the project's vision, educational lessons, and technical obstacles faced. It also explores the possible improvements in the future and the overall influence of TaskVauLT on empowering users in managing tasks.

The project shows my capability in envisioning, creating, and executing a sophisticated app, highlighting my talents and commitment to ongoing growth and creativity

---

## ACKNOWLEDGEMENT

I would like to express my sincere appreciation to my supervisor Dr. Varun Sharma for his guidance, encouragement, and support throughout the course of this work. It was an invaluable learning experience for me to be one of their students. From them I have gained not only extensive knowledge, but also a careful research attitude.

I am also thankful to my mentor Dr. Karuna Markam mam for her cooperation with me in facilitating the infrastructure and lab facility during my work.

I am highly indebted to Dr. R.K. Pandit, Director M.I.T.S., Gwalior (M.P.) for the facilities provided to accomplish this internship.

I would like to thank Dr. Vandana Vikas Thakare, Head Department of Electronics Engineering for his constructive criticism throughout my internship.

I would like to thank, project coordinator Department of Electronics Engineering for their support and advices to get and complete internship in above said organization. I am extremely great full to my department staff members and friends who helped me in successful completion of this project.

Place: Gwalior (M.P.)

  
Rajpal Singh Dawar

0901ET201043

---

## CONTENT

### Table of Contents

Declaration by the Candidate.....	<b>Error! Bookmark not defined.</b>
Plagiarism Check Certificate .....	<b>Error! Bookmark not defined.</b>
Abstract.....	3
Acknowledgement .....	<b>Error! Bookmark not defined.</b>
Content.....	5
Chapter 1: Overview .....	6
Chapter 2: Vision .....	8
Chapter 3: Skills & Technologies used .....	10
Chapter 4 Tasks and Project Details: .....	18
Chapter 5: code and Workflow .....	19
Chapter 6: Conclusion and Future prospects .....	25
Chapter 7: Daily Diary.....	27
References.....	29
Turnitin Plagiarism Report .....	29

---

## CHAPTER 1: Overview

### 1.1 Introduction

I learned a lot of things about frontend and backend web development in these 90 days of making this project from scratch with main focus on diving deep on learning HTML CSS and JavaScript as well as learning how to integrate and make back and technology's for your platform.

As we know that these things are the building blocks of making a app and doing web design and these were the basic things which allowed me to architect my way through this amazing project with a clear vision to solve a problem.

As per the dynamic nature of this project I engaged myself completely in my responsibilities and become a part of daily work time from 9:00 a.m. to 5:00 p.m. by working tirelessly towards polishing every bit of the project which was very vast though. In addition to this getting an opportunity to work with a mentor who is continuously giving new inputs to this project was very mesmerizing as a project with a vision and a output expectancy is way more better than a static project with limited focus and limited expectancy. Getting an opportunity to work within cohesive team for the accentuated my learning space as it give me and exchange of different ideas and skills that we using problem solving approach at every step of the project.

A specific remarkable feature in this app making was being a head of every task who proved himself even better than described by.

The expertese and help that he was willing to offer me facilitated all processes.

It help me grow professionally but also created a friendly atmosphere because I was working with a mentor and a team member and completing day today task made very great discussions about problem solving for the different problems we came across and also was able to get a hang of the mentorship and its processes.

### 1.2 Objective

- Mastering all languages needed for coding this project in detail

- 
- Completing tasks on time with short limit and also learning how to brute force all the problems you came across in the project
  - Achieving industries standard satisfaction and getting a hang of professional work
  - Studying updated and latest trends and requirements for making this app as well as getting to know new technology.
  - Using all new artificial intelligence model API for generating data on action and integrated backend computation.
  - Identifying problems and solving issues with the code base at different level of work making the app.

### **1.3 Motivations**

Multi facet task of starting up and collaborating with new technology's to making this app work on all levels and planning the processes was a big kick for me as basis of big project I was working on

Finally due to various strategies and planning it has opened itself to on the specialised position in the field of actionables and important apps

Therefore as a starter I would like to start this way of making new ideas as a developer.

### **1.4 Areas of development**

Frontend Development

Backend Development

---

## CHAPTER 2: Vision

**Innovative Task Management Solution:** The view behind establishing TaskVauLT search out nurture an imaginative use namely important in the world of task presidency determinations. The aim follow conceive a unique finish that not only helps users control their tasks & accomplishments sufficiently but repeated influences brand-new AI electronics to designate bright rehashes & intuitions.

**Learning & Skill Enhancement:** One of the basic ideas was the predict all-encompassing knowledge & capability improving. By busy on this project, holding HTML, CSS, JavaScript, & backend groundworks like Django. Additionally, combine AI through the Google Gemini model persistent a questioning still nice information incident in machine intelligence & system agility.

**Portfolio Development:** Another key aspect of the ghost follow design a project that would significantly boost my professional carton. TaskVauLT showcases my talent to pregnant, design, & implement a complex request, avowed two together my mechanics talents & my capacity to influence artistic plans to life. This project serves as a praise to my skills & loyalty, making me a forceful competitor for future course hope.

**User Empowerment** The best aim of TaskVauLT follow authorize users by simplifying the process of following & directing their professional tasks & triumphs. The app aims to designate a intense terrace place users can inevitably record, sell, & arrange their file, expressly when fitting for task changes. The Spotlight feature, provoke by AI, is projected to transfer short & appropriate outlines, share buyers to sufficiently tailor their resumes & present their skills capably.

**Future Potential:** Looking forward, the dream includes unending outdoing & development of TaskVauLT's abilities. Future augmentations take care of involve containing more growing AI countenance, reaching compatibility following various professional finishes & manifestos, & embellishing the program that controls display for an even better services knowledge. The dream follow expand TaskVauLT into a all-embracing course presidency form that adapts to the changeable needs of allure consumers.

**Community & Collaboration:** Lastly, one the dream follow support a society about TaskVauLT place buyers can share response, indicate new face, & assist on reconstructing the app. This society-constrained approach guarantees that the app bits appropriate & steadily expands to meet the needs of allure purchasers.

---

In summary, the view for TaskVauLT search out organize an imaginative, AI-excite task presidency use that serves as a valuable finish for shoppers, boosts my instruction & abilities, & strengthens my professional luggage.

---

## CHAPTER 3: Skills & Technologies used

The entry into front end back end during this app making as well as diving into the principals of artificial intelligence generation of a text was very outstanding

Throughout the project I learnt a lot of front end back end principles which allowed me to make new functions and putting it into the project.

For the front end HTML CSS and JavaScript was the basic building block of web designing.

I went further to explore their places in defining appearances and functionality of a web page.

I continue to advance in the path and learn unique and special moods of eating front end developers in developing platform and responsive user interfaces. The path in front and development does not end here but rather and compasses the ongoing incorporation of this project which I will further Iterate to make it the best interaction for the user

In writing this report I intent to discuss and elaborate these front and technologies and application in website building and stress about on aspect of getting the best solution for business purposes.

### 3.1 HTTP

HTTP stands for Hyper Text Transfer Protocol, which is fundamental to communication between web clients and servers. This interaction involves client computers and web servers exchanging HTTP requests and responses.

#### HTTP Request/Response

The communication process between clients and servers follows these steps:

- a. A client (typically a web browser) sends an HTTP request to the server.
- b. A web server receives this request.
- c. The server runs an application to process the request.

- 
- d. The server returns an HTTP response (the output) back to the browser.
  - e. The client (the browser) receives and displays the response.

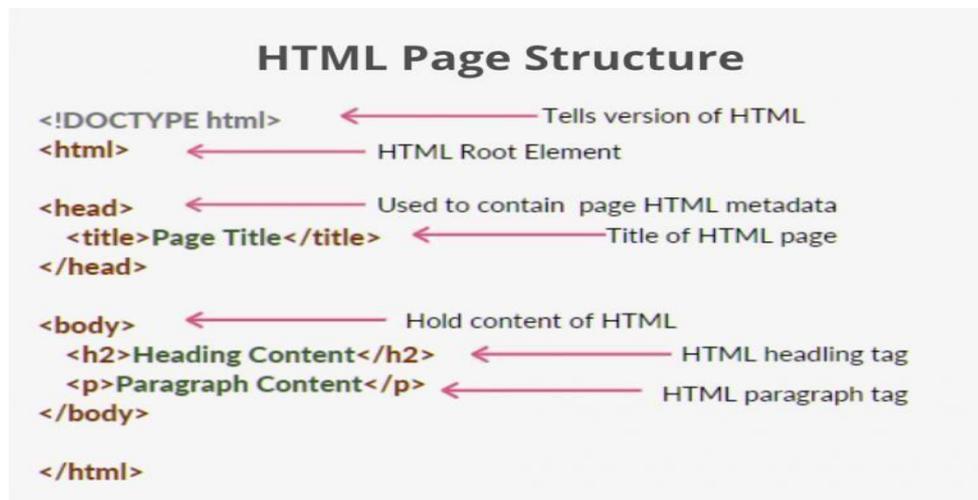
### The HTTP Request Cycle

A typical HTTP request/response cycle involves the following steps:

- a. The browser requests an HTML page, and the server returns an HTML file.
- b. The browser requests a style sheet, and the server returns a CSS file.
- c. The browser requests a JPG image, and the server returns a JPG file.
- d. The browser requests JavaScript code, and the server returns a JS file.
- e. The browser requests data, and the server returns the data in XML or JSON format.

## 3.2 HTML

HTML, or HyperText Markup Language, serves as the cornerstone for crafting and shaping web pages across the internet. Initially proposed by Tim Berners-Lee at CERN in 1991, HTML emerged as a straightforward markup language designed to structure and present content on the burgeoning World Wide Web. Since its inception, HTML has undergone a series of advancements, progressing through iterations from HTML 2.0 to the latest version, HTML5, released in 2024.



`<!DOCTYPE html>` – Serving as the document type declaration, this statement categorizes a document as an HTML document. Notably, the doctype declaration is insensitive to case variations.

`<html>` – Referred to as the HTML root element, it serves as the foundational container for all other elements within a webpage.

`<head>` – Nesting "behind-the-scenes" elements, the `<head>` tag orchestrates elements not directly visible on the webpage. Commonly housed within `<head>` are:

`<style>` – Enabling the incorporation of style elements, this HTML tag empowers the enhancement of visual appeal through CSS.

`<title>` – Dictating the browser tab's text, the `<title>` tag typically houses the webpage's title, visible when visiting the site.

`<base>` – Defines the base URL for all relative URLs within a document.

`<noscript>` – Specifies HTML content to be displayed when scripting is disabled in the user's browser.

`<script>` – Enables the incorporation of JavaScript to enhance website functionality.

`<meta>` – Encloses website metadata essential for every visit, such as character encoding (e.g., UTF-8) for language support. This tag is self-closing.

---

`<link>` – Establishes connections between HTML, CSS, and JavaScript. It is also self-closing.  
`<body>` – Wraps all visible content of a webpage, ensuring that the browser displays it on the frontend.

### 3.3 CSS

CSS, short for Cascading Style Sheets, serves as the magic wand that designs the appearance of every website you encounter. This straightforward language dictates the presentation of HTML elements, including text, images, and buttons, on a webpage. Through CSS, you wield the power to adjust font sizes and colors, incorporate backgrounds, and dictate layout, thereby elevating a simple webpage into a captivating and intuitive journey for users.

CSS offers three methods to style your HTML:

**Inline:** Apply styles directly to HTML elements (with limited utility).

**Internal:** Embed styles within the HTML file using a `<style>` tag.

**External:** Generate a distinct CSS file (.css) and connect it to your HTML document.

#### Basic CSS Example

```
<!-- File name: index.html -->
<!DOCTYPE html>
<html>

<head>
  <!-- Importing External CSS -->
  <link rel="stylesheet" href="style.css" />
  <!-- Using Internal CSS -->
  <style>
    h2 {
      color: green;
    }
  </style>
</head>

<body>
  <!-- Using Inline CSS -->
  <h2 style="text-align: center;">Welcome To GFG</h2>
  <p>CSS Tutorial - GeeksforGeeks</p>
</body>
</html>
```

```
/* External CSS */
/* File name: style.css */
p {
  text-align: center;
}
```

---

### 3.4 CSS Selectors

CSS selectors serve as the foundation of a visually appealing webpage. They pinpoint HTML elements within your pages, empowering you to apply styles based on their id, class, type, attribute, and other criteria. This guide will explore the nuances of CSS selectors, elucidating their essential role in elevating the aesthetics and user experience of your web pages.

**Element Selector:** This selector targets HTML elements by their tag names.

**ID Selector:** It styles HTML elements with a designated id attribute.

**Class Selector:** This selector styles elements that carry a specific class attribute.

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <title>CSS Selectors</title>
    <link rel="stylesheet" href="style.css" />
  </head>
  <body>
    <h1>Sample Heading</h1>
    <p>This is Content inside first paragraph</p>
    <div id="div-container">
      This is a div with id div-container
    </div>
    <p class="paragraph-class">
      This is a paragraph with class paragraph-class
    </p>
  </body>
</html>
```

Here we will apply the CSS rule to the above HTML sheet.

```
h1    {    color:    red;    font-size:    3rem;
}
p     {    color:    white;    background-color: gray;
}
```

---

# Sample Heading

This is Content inside first paragraph

This is a div with id div-container

This is a paragraph with class paragraph-class

## 3.5 Javascript

JavaScript serves as a programming language pivotal for crafting dynamic content within websites. Esteemed for its lightweight nature, cross-platform compatibility, and singlethreaded execution, JavaScript stands as a versatile tool in web development. Operating as an interpreted language, it executes code sequentially, offering heightened flexibility. Widely adopted, JavaScript is renowned for its capacity to engender dynamic and interactive elements within web applications.

Key Features of JavaScript:

**Versatility:** JavaScript boasts versatility, facilitating the development of websites, games, mobile apps, and a plethora of other applications.

**Client and Server-Side:** With the advent of frameworks like Node.js and Express.js, JavaScript transcends its traditional client-side role to build robust server-side applications.

**End-to-End Solutions:** JavaScript empowers developers to craft comprehensive solutions for diverse challenges across the development spectrum.

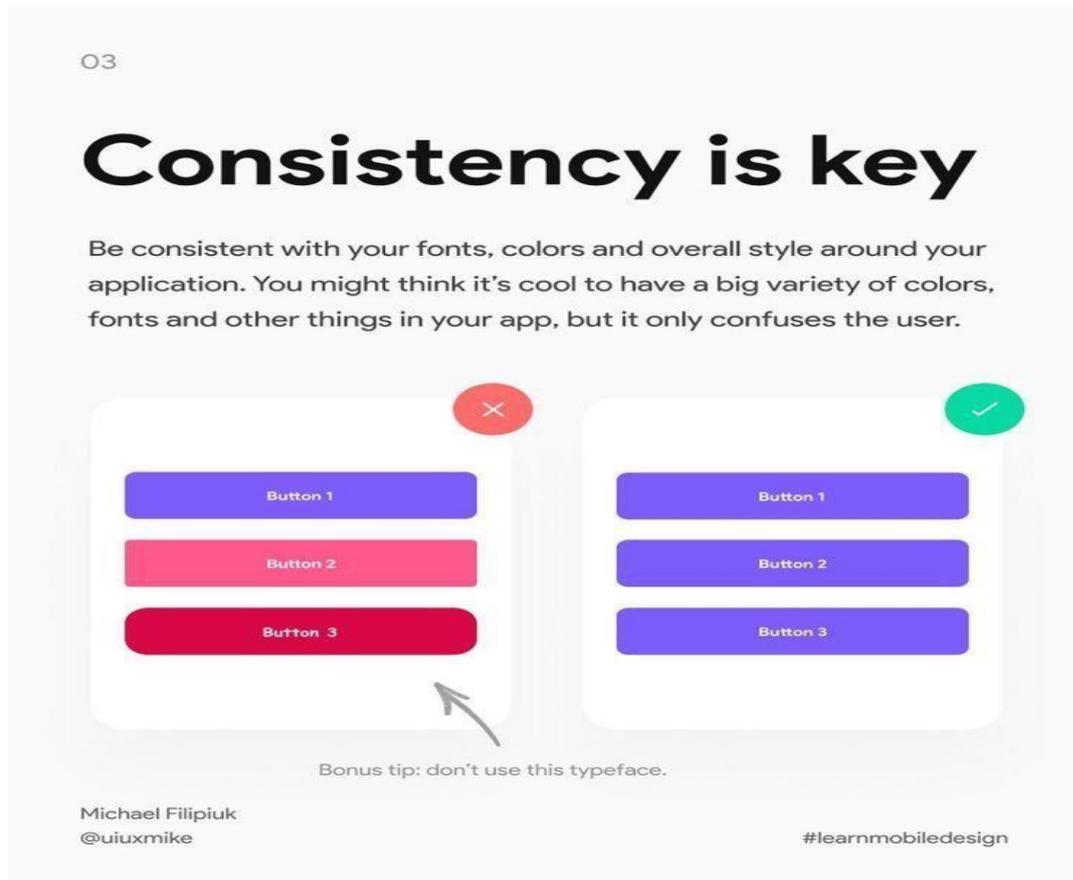
**Constant Evolution:** JavaScript remains in a state of perpetual evolution, continually integrating new features and adhering to evolving standards.

**Vibrant Community:** Supported by a vibrant community of users and mentors, JavaScript benefits from active contributions that fuel its ongoing growth and development.

---

### 3.6 What I learned In UI UX making TaskVauLT:

Uniformity in design is important, and it will help consumers navigate through the interface easily. This means that different graphic elements such as buttons, colors, typefaces etc., will be used in a consistent manner. This combination of identical reactions (users have uniform experience) and similar results (associative learning), makes the familiar action set less confusing for users to learn



### 3.7 Simplicity:

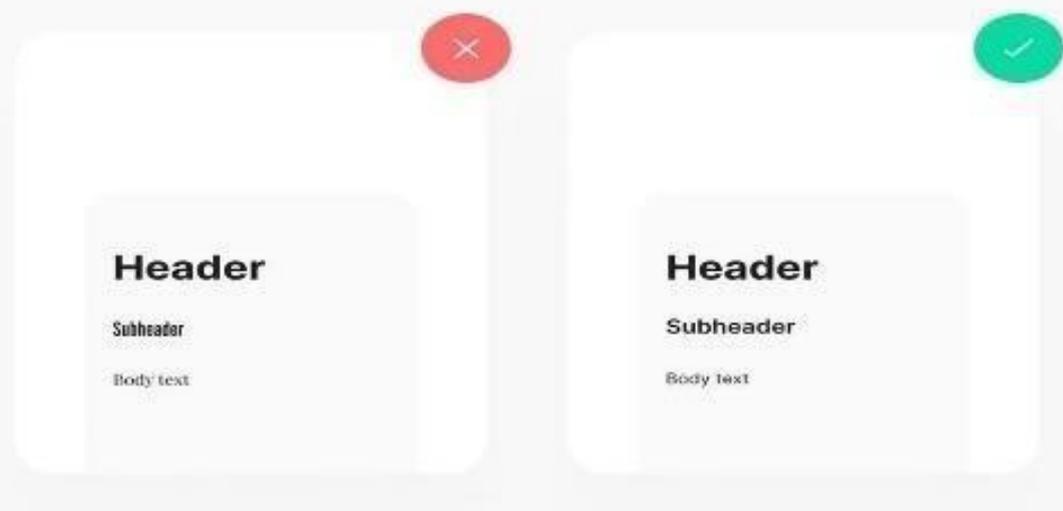
Eliminate superfluous distractions and concentrate on the important things. Clear font, white area, and uncomplicated navigation are all used in plain layout to help consumers complete

---

tasks without feeling intimidated.

## Less fonts = better

Limit the amount of fonts you use in your designs. The rule of thumb is to use a maximum of 2. However, I believe you can create great designs even using only one font.



### 3.8 Feedback:

Provide consumer with feedback about what their activities through text messages or visual signals. Some instance like changing button color. Provide clear feedback: Whenever possible, guide your users across the user experience through feedback to let them easily understand that their actions are being noted.

---

## CHAPTER 4: Tasks and Project Details

### 4.1 Tasks:

During my enriching 90 days making the app TaskVauLT, I tell deep into the fields of development focusing primarily on mastering the art of HTML CSS and JavaScript because these three things matter a lot when it comes to backend backend is a static thing in which to make a way of transferring data and where it should be transferred and how it should look totally depends on the front end so for me front and was difficult part making this app and it is still difficult to iterated further.

These fundamental languages serve as the backbone of designing and making a app which includes in frontend HTML CSS JavaScript and in backend Jago SQL database post gri and get GitHub codespaces .

Within the dynamic environment of making this project I committed myself whole heartedly to my task emerging in daily rhythm of work from 9 to 5 diligently refining my app and skills at the same time and contributing to various expects of this app. Collaborating with a mental and a team member was very great tailor stage after which I completed this project whole by myself.

One stand out aspect of making this project and dis journey was invaluable knowledge I got from various online platforms which help me getting this project to a reality as well as the mentorship of my mentor was very important for giving me inspiration and keeping me up to date with new things to integrated and giving me a vision of its future and the future of the app.

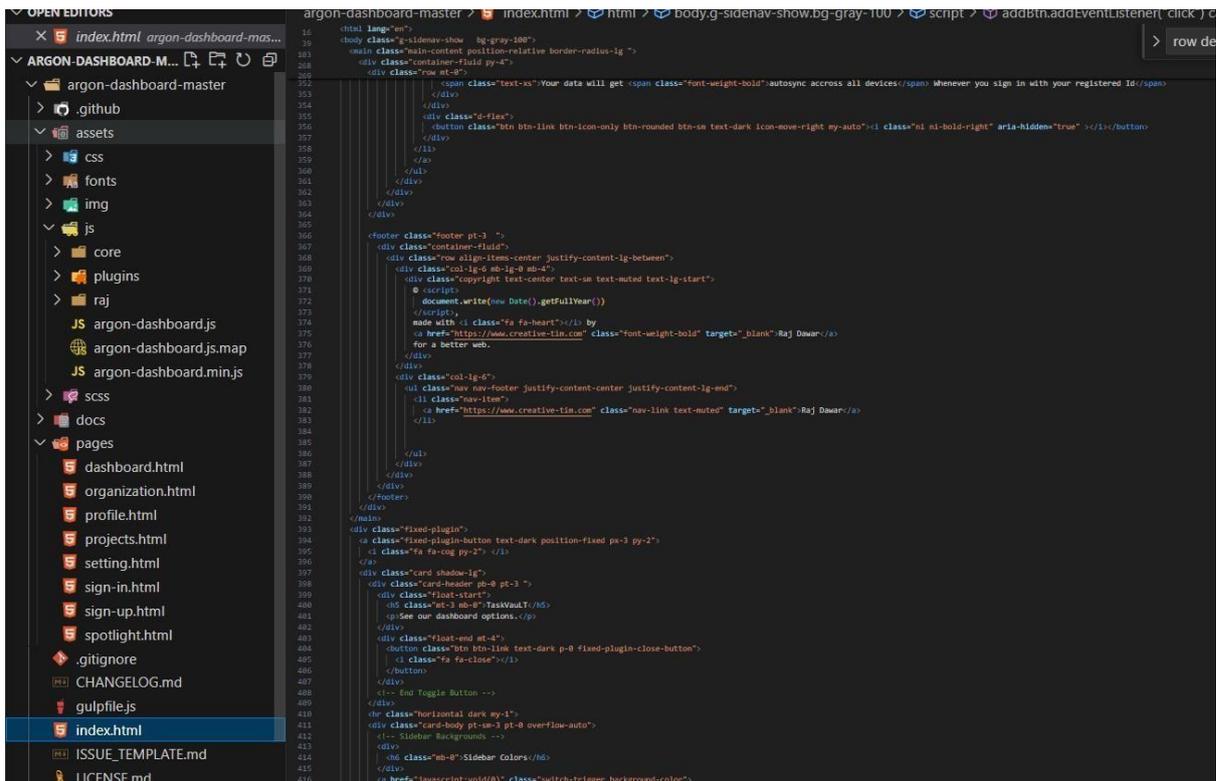
### 4.2 Project details:

Independent there are several API which is made on rest framework which are making the data from the front end to be transported to the back and via swagger API management service and making it way to the django server and storing the data to the database.

In the front JavaScript is making all the data easily manurable and tracific for the every API.

# CHAPTER 5: Code and workflow

## 5.1 File arrangement-



## 5.2 Explanation-

The code base of this app is very vast in which in the front end the pages and flow is described as follows

The project file includes mainly two things of need assets and pages in which assets include CSS fonts images and JavaScript files and the pages include dashboard.html organisation.html profile.html projects.html setting.html signin.html signup.html spotlight.html.

Other than that the main landing page of the platform is index.html which is equivalent to file position of assets and pages.

---

The main landing page collecting all the information of how platform works and the sign up landing page is the sign up.html page which allows customer to meticulously sign up with their email and password to enter the platform and if they already have a account they can simply click on sign in and sign in with their register email password to get entered in the platform

The code base written in the way that it allows the user to make their notes and add new organisations so that they can meticulously manage their achievements and goals of a company

Once these notes are made up and take click on spotlight option d AI Gemini model in the bacon will accept the data of notes and through our prompt which is statically given to the Gemini model in vacant will arrange and summarise all the notes such that no detail of that information given by the user is missed.

### **Workflow of the App Interface:**

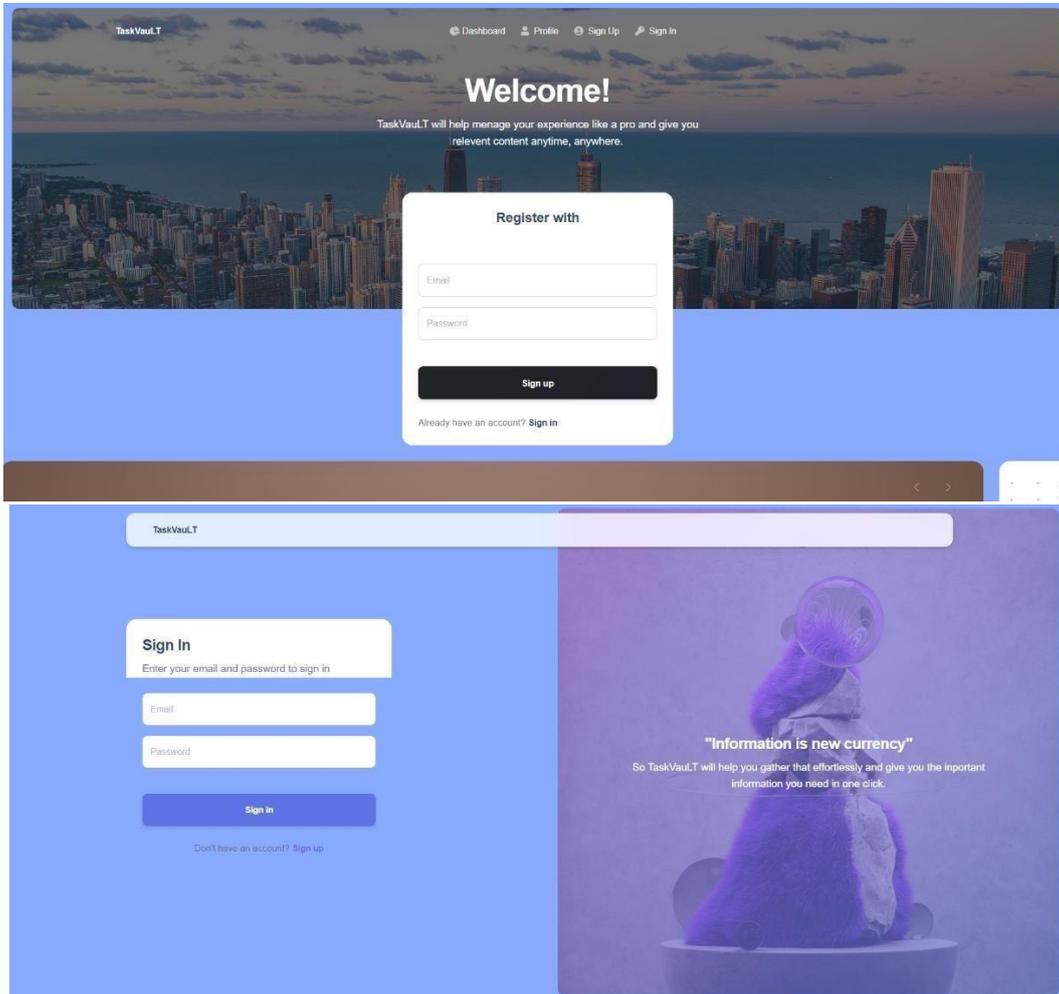


Fig5.1 : Sign up and Sign in page

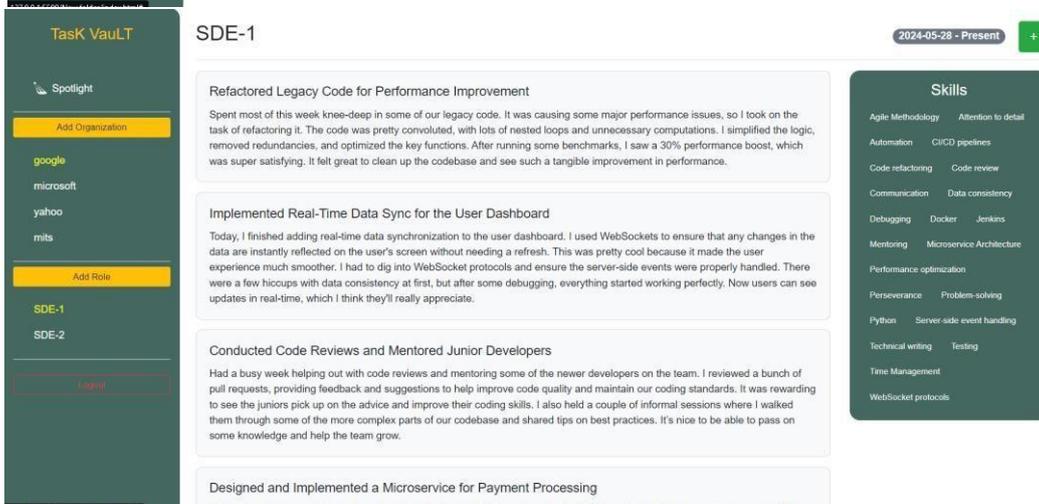
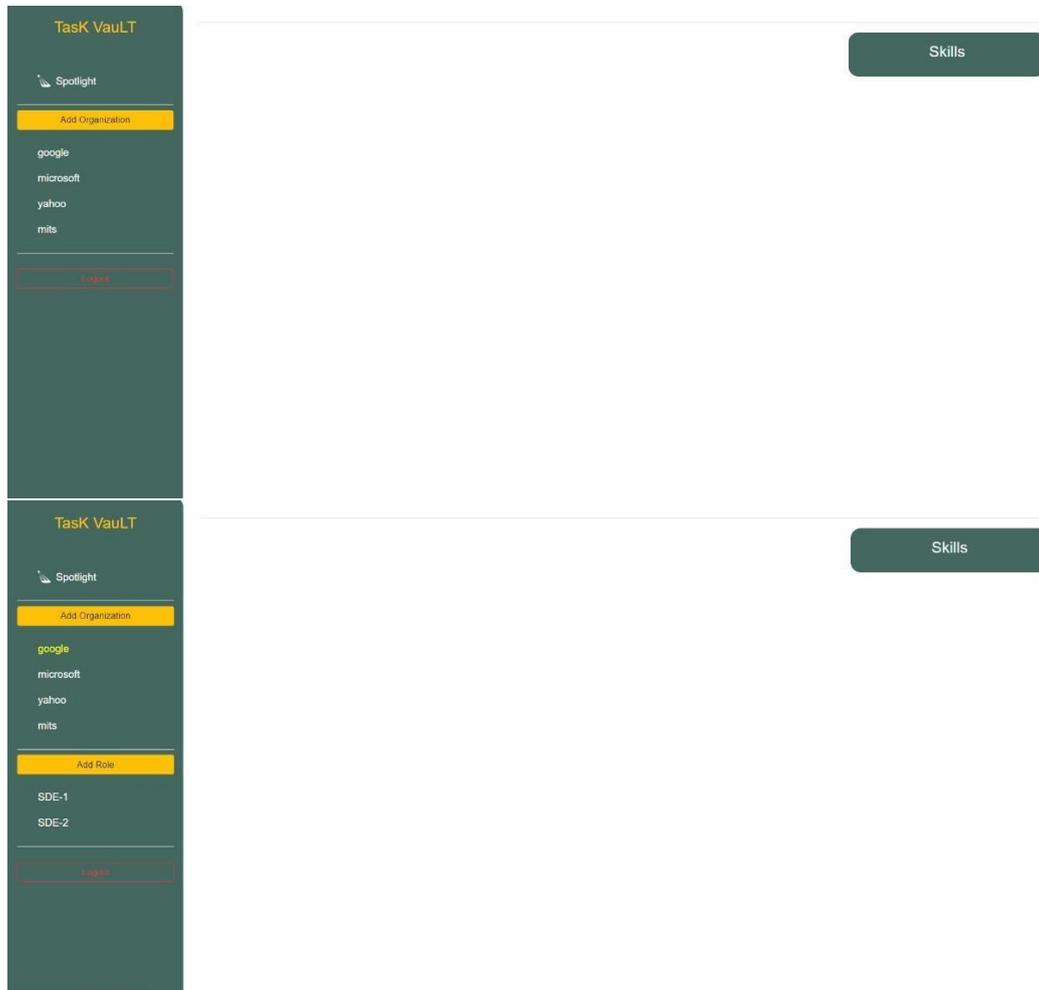


Fig 5.2 : Organization/ Role/ Cards layout

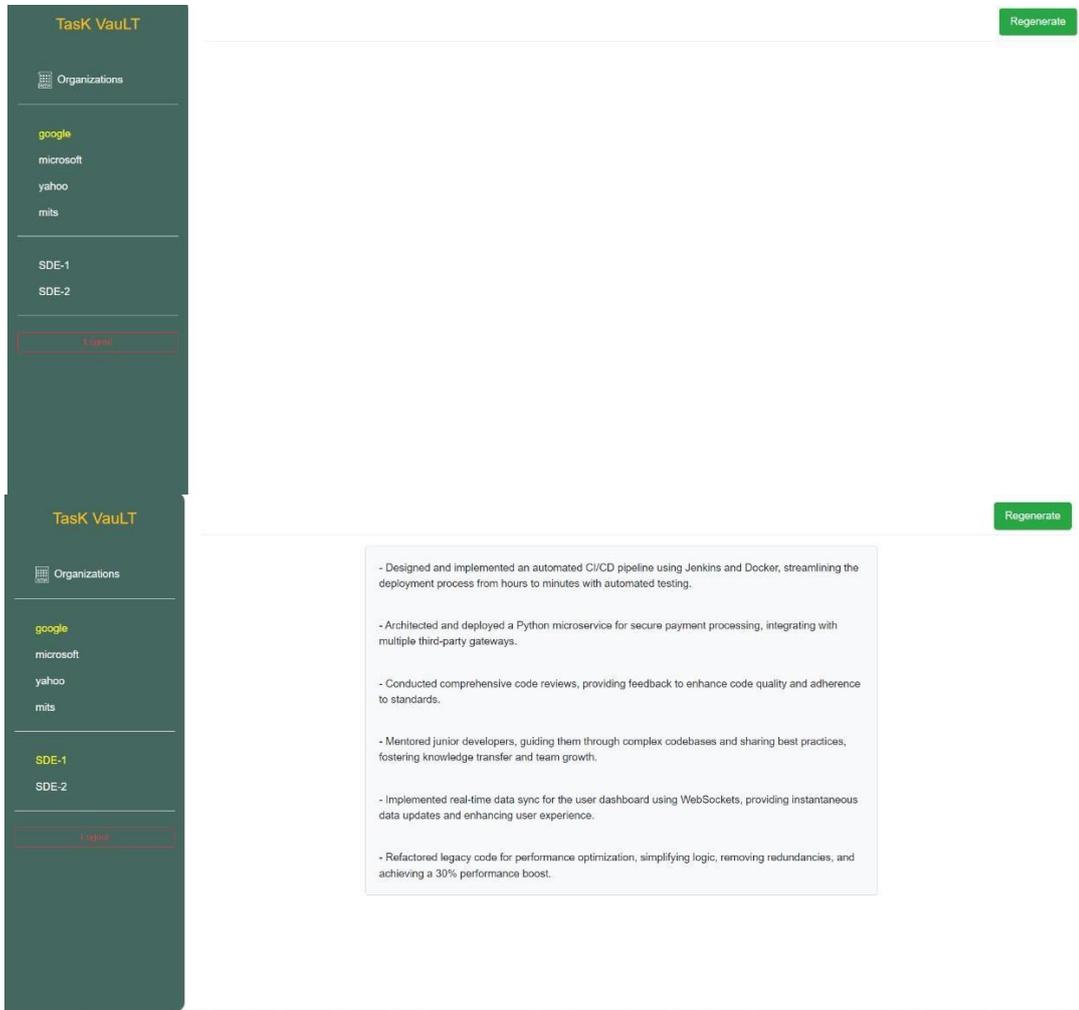


Fig. 5.3 : Spotlight page for generating data using role cards

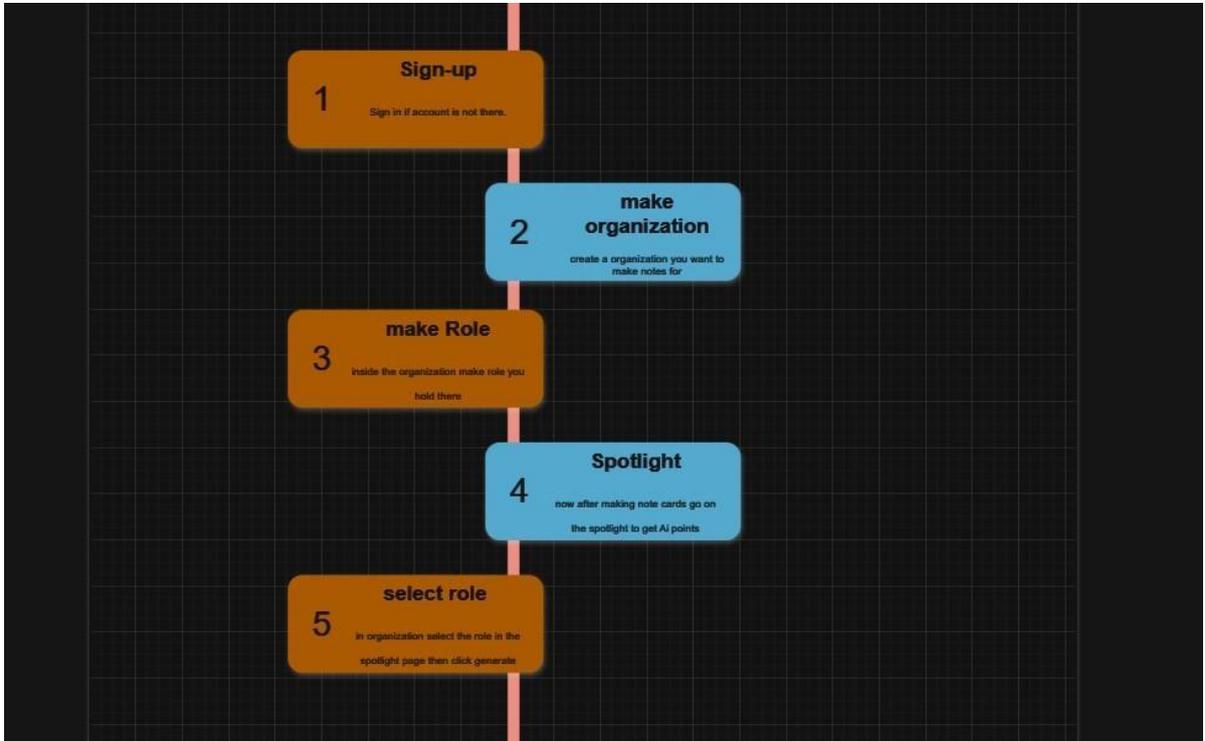


Fig 5.4 : User Workflow For TaskVauLT

---

## CHAPTER 6: Conclusion and Future Prospects

In conclusion to making this app TaskVauLT ,

Is that it was a invaluable experience shaping my understanding and my profession see in the field of web development over the three months in which I had opportunity to immerse myself and various aspects of development particularly in front end back end

During my time making this app I have entirely contributed with the help of my friend making API address implementing the API was up to me in which I faced real word problems scenarios and solving them with the use of brute force collaborating with different technology styles and learning a lot of knowledge from online sources. The project also help me to get invaluable insights about myself and my skills as well as get into industrial leading practices and work flows.

Moreover my project unable to me to cultivate essential soft skills such as communication management problem solving. Working in a dynamic environment has challenged me to adapt quickly to new situations and problems and collaborate effectively with my available sources to achieve project objectives.

Looking ahead I am eager to continue my journey making and Iterating this app so that it reaches it's full potential and the whole journey was to put a foundation for a great journey for this app.I am grateful for the mental ship of my mentor which enabled me to look ahead and plan future for this app and I am very confident on my skills and experience is I gained throughout which will make my future and diverse with this app very solid.

I extend my sincere gratitude to mentors for their support and guidance throughout this. I am excited to leverage my knowledge and experience is gained making this app and embarking on next phase of my career in this development .

### **Future Prospects:**

1. I Near future I will be adding a functionality in the spotlight page in which I will be adding the feature for increasing accessibility which is when ever there is a sheet which is being maintained by a employee for the company organization or project they can directly imported 2 hour interface and our interface will automatically make notes for the same so that they don't have to do it manually.

- 
2. In addition to that you will also put a functionality of AI chat bought integrated to our platform so that once you are spotlight data has been made you can interact with the data and ask whatever question you want and make more out of the conversation as well as data.

---

## CHAPTER 7: Daily Diary

### 1: Monthly Overview of Internship Activities

1ST Monthly Date	Name of the topic / module completed
21/01/2024	Introduction to vision of project
24/01/2024	design inspiration
26/01/2024	developing sense of flow of the app
29/01/2024	deciding what technologies will be used
06/02/2024	research on platform technologies

### 2: Monthly Overview of Internship Activities

2nd Monthly Date	Name of the topic / module completed
13/02/2024	started with prototyping the platform
17/02/2024	making copy of the user flow
25/02/2024	defining the functionality in prototype
03/03/2024	style of contents to be used in app
07/03/2024	making webpage and deploying files
10/03/2024	starting vscode app's code frame

### 3: Monthly Overview of Internship Activities 3rd Monthly Date javascript for dynamic frontend

13/03/2024	making the backend data pipeline
18/03/2024	swagger installation for endpoints
29/03/2024	setting up animation for elements
03/04/2024	setting up the database

#### 4: Monthly Overview of Internship Activities

4th Monthly	Date	Name of the topic / module completed
	11/04/2024	making the pipeline for AI model
	13/04/2024	connecting pipelines internally
	18/04/2024	testing and bruteforcing the pipelines
	24/04/2024	connecting the sign in and sign up page
	28/04/2024	connecting text box content to pipeline
	05/05/2024	Debugging Error
	12/05/2024	making and completing user flow

✓ Sharma  
29/05/24

(Dr. VARUN SHARMA)

R. Talwar

---

## References :

1. LeetCode, "LeetCode Online Judge," [Online]. Available: <https://leetcode.com>. [Accessed: 28May2024].
2. HackerRank, "HackerRank Coding Challenges," [Online]. Available: <https://www.hackerrank.com>. [Accessed: 28-May-2024].
3. CodeSignal, "CodeSignal: Coding Assessments and Challenges," [Online]. Available: <https://codesignal.com>. [Accessed: 28-May-2024].
4. Django Software Foundation, "Django Documentation," [Online]. Available: <https://docs.djangoproject.com>. [Accessed: 28-May-2024].
5. Mozilla Developer Network, "MDN Web Docs," [Online]. Available: <https://developer.mozilla.org>. [Accessed: 28-May-2024].
6. PostgreSQL Global Development Group, "PostgreSQL Documentation," [Online] . Available : at <https://www.postgresql.org/docs/>. [Accessed: 28-May-2024].

PAPER NAME

Raj\_Major\_Report.pdf

AUTHOR

Rajpal Dawar

WORD COUNT

4038 Words

CHARACTER COUNT

22941 Characters

PAGE COUNT

27 Pages

FILE SIZE

592.4KB

SUBMISSION DATE

May 28, 2024 5:26 PM GMT+5:30

REPORT DATE

May 28, 2024 5:27 PM GMT+5:30

● **18% Overall Similarity**

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

- 12% Internet database
- Crossref database
- 16% Submitted Works database
- 1% Publications database
- Crossref Posted Content database

● **Excluded from Similarity Report**

- Bibliographic material

Verified  
|  
Shammi  
29/05/24

Summary

● 18% Overall Similarity

Top sources found in the following databases:

- 12% Internet database
- Crossref database
- 16% Submitted Works database
- 1% Publications database
- Crossref Posted Content database

---

TOP SOURCES

The sources with the highest number of matches within the submission. Overlapping sources will not be displayed.

1	mitsgwalior on 2024-05-28 Submitted works	2%
2	mitsgwalior on 2024-05-28 Submitted works	2%
3	geeksforgeeks.org Internet	2%
4	w3schools.com Internet	2%
5	mitsgwalior on 2024-05-27 Submitted works	2%
6	IIT Delhi on 2022-05-11 Submitted works	2%
7	Icon College of Technology and Management on 2023-03-11 Submitted works	2%
8	IIT Delhi on 2022-05-25 Submitted works	1%

*Shanm*  
29/05/24

Sources overview

9	pt.slideshare.net Internet	1%
10	mitsgwalior on 2024-05-28 Submitted works	<1%
11	palindromic.blogspot.com Internet	<1%
12	Galway Mayo Institute of Technology (GMIT) on 2024-04-26 Submitted works	<1%
13	mitsgwalior on 2024-05-28 Submitted works	<1%
14	freelancer.sg Internet	<1%
15	Symbiosis International University on 2022-06-02 Submitted works	<1%

*Sham  
29/05/24*

Sources overview