# GOVERNMENT POLYTECHNIC, NASHIK

(An Academically Autonomous Institute of Government of Maharashtra)

**PROJECT REPORT**

**ON**

**ADMISSION PROCCESS WEBSITE**

Submitted impartial fulfillment of the requirement for the award of

**DIPLOMA**

**IN**

**INFORMATION TECHNOLOGY**

**SUBMITTED BY**


| | | |
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***Prof. D.N.Bhoye***

**Academic Year**

**(2023-24)**

# GOVERNMENT POLYTECHNIC, NASHIK

(An Academically Autonomous Institute of Government of Maharashtra)

This is to certify that the project report entitled “Admission Process ” was successfully completed by student of sixth semester Diploma in Information Technology Engineering.

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In partial fulfillment of the requirements for the award of the Diploma in (Information Technology) and submitted to the Department of E Information Technology Engineering of GOVERNMENT POLYTECHNIC, NASHIK, work carried out during a period for academic year2022-23 as per curriculum.

| Project Guide | Head of Department | Principal |
|---|---|---|
| (Prof.D.N.Bhoye) | (Dr. K.B.Ladhane) | (Dr.G.V.Garje) |

# PREFERENCE

It gives me great pleasure to present the project on " Admission Process Website" prepared sincerely, punctually and with utmost efforts.

The contents of this book are presented into many chapters, in order to ease reading. The project has been illustrated with precise data elucidated with neat Dataflow Diagram, Entity-Relationship Diagram and Structure Diagram that simplify the understanding of the project. The project includes the software development tools like (tools used by u in your project).

Meticulous care has been taken to make this project perfect and useful in every respect.


1) 215152 Suryavanshi Pravin
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3) 215164 Banthiya Prajwal
4) 215169 Shelke Pranav

# Acknowledgement

I take this opportunity to express my profound gratitude and indebtedness to our project guides Prof.D.N. Bhoye for giving me the opportunity to accomplish this project.

I am very much thankful to our Principal Dr.G.V.Garje for their kind co- operation in the completion of my project.

I am also grateful to Dr.K.B.Ladhane, Head of Department for being very much resourceful, kind and helpful. Their positive attitude, unassailable optimism and unwavering faith in me assured that I come out of the words whenever I encountered difficulties.

Finally, I wish to thank all my friends and the entire Information Technology Department who directly or indirectly helped me in the completion of this project. Last but not the least I would thank my family without whose support, motivation and encouragement this would not have been possible.

# Abstract

We are developing a website, which will be useful for new students who face the problems in admission process to simplify the process we are developing a website.In this project developing a website which will help the students to find previous year cutoff and and will also them to find the cutoffs according to the cutoff, prediction on the basis of merit. Through the website the student's will get to know about cutoff of branches available in the college and information about curriculum and information about academics and hostel details Goals To simplify Students problems when they are new in college. Website also included the Other Activities occurred in the college. In the website all syllabus for the whole diploma, semester wise syllabus and the study reference is also included.

This website is helpful for the newcomers who want to pursue diploma in Government Polytechnic, Nashik as it contains useful and authentic information about college, previous year cutoff's intake, hostel detail's

# Index

# CHAPTER 1

# Introduction

## Project Name:- Admission Process

Briefly introduce the topic of adding cutoffs to the college website for diploma students.Explain the significance of this project in terms of student admission and information accessibility.

## 1.1)Overview:-

We are developing a website which will help the students to find previous year cutoff and and will also them to find the cutoffs according to the cutoff, prediction on the basis of merit.We are developing a website, which will be useful for new students who face the problems in admission process to simplify the process we are developing a website.

## 1.2)Objectives:-

Through the website the student's will get to know about cutoff of branches available in the college and information about curriculum and information about academics and hostel details.

## 1.3)Goals:-

To simplify Students problems when they are new in college. Website also included the Other Activities occurred in the college. In the website all syllabus for the whole diploma, semester wise syllabus and the study reference is also included.

## 1.4) Milestones

### 1.4.1)Students satisfaction:-

Due to information about college admission, Students and their parents are will get to know about the college before admission and all illusion will be cleared.

### 1.4.2)Clarification About Syllabus :-

The students will be able to know the syllabus and the overview of subjects.

# CHAPTER 2
# Literature Review

## 1)Introduction:

Briefly introduce the topic of adding cutoffs to the college website for diploma students.Explain the significance of this project in terms of student admission and information accessibility.

## 2)Website Cutoffs in Education:

Explore existing literature on the use of cutoffs in the education sector, especially in the context of college admissions.Discuss how cutoffs are traditionally implemented and their role in student selection.

## 3)Student Information Portals:

Review research on the importance of online student information portals in the education sector.Discuss how a college website can serve as an essential platform for students.

## 4)Benefits of Adding Cutoffs to College Websites:

Present studies or articles that highlight the potential advantages of integrating cutoffs into college websites.Discuss how this feature could benefit diploma students specifically.

## 5)Challenges and Considerations:

Examine any challenges or considerations discussed in the literature regarding implementing cutoffs on college websites.These could include issues related to fairness, transparency, or technology.

## 6)Best Practices:

Investigate best practices and case studies related to adding cutoffs to college websites.Discuss examples of colleges or institutions that have successfully implemented similar features.

## 7)Student Satisfaction and Impact:

Explore research on the impact of such features on student satisfaction, user experience, and engagement.Analyze any data or findings related to the effectiveness of cutoffs on college websites.

## 8)Technological Aspects:

Address the technical requirements and considerations for adding cutoffs to a college website.Discuss the potential integration with existing systems and software.

## 9)Conclusion:

Summarize the key findings from the literature review. Provide insights into the potential benefits and challenges of adding cutoffs to the college website project for diploma students.

## 10)Future Directions:

Suggest areas for future research and development in this field. Highlight any gaps in the current literature that warrant further investigation.

# CHAPTER 3

# Scope of the Project

## 3.1 Project Boundaries

We develop a Admission process system using a previous year student cut off of our institute to recognize and classify information.The system is able to perform certain task:

I. The system will be developed using open-source software and hardware components, where possible.
II. The system will be tested and evaluated in a controlled environment.
III. The system will be designed to recognize to find the previous year cutoff and will also help the student to identifies whether way can get seat in the institute in the branch they want .
IV. The system will be developed for use on a personal computer or embedded system with limited processing power.

## 3.2 Deliverables for Project

The deliverables for Project on recognize to find the previous year cutoff and will also help the student to identifies whether way can get seat in the institute in the branch they want .

### I. Software application

A Software application capable for recognize to find the previous year cutoff and will also help the student to identifies whether way can get seat in the institute in the branch they want .

### II. User interface

The interface that allows to user to interact with the software application system The interface should be intuitive and easy to use, and should provide feedback to the user regarding the previous year cutoff.

### III. Documentation

Detailed documentation of the admission process system, including user manuals, technical specifications, and other .

### IV. Testing and validation

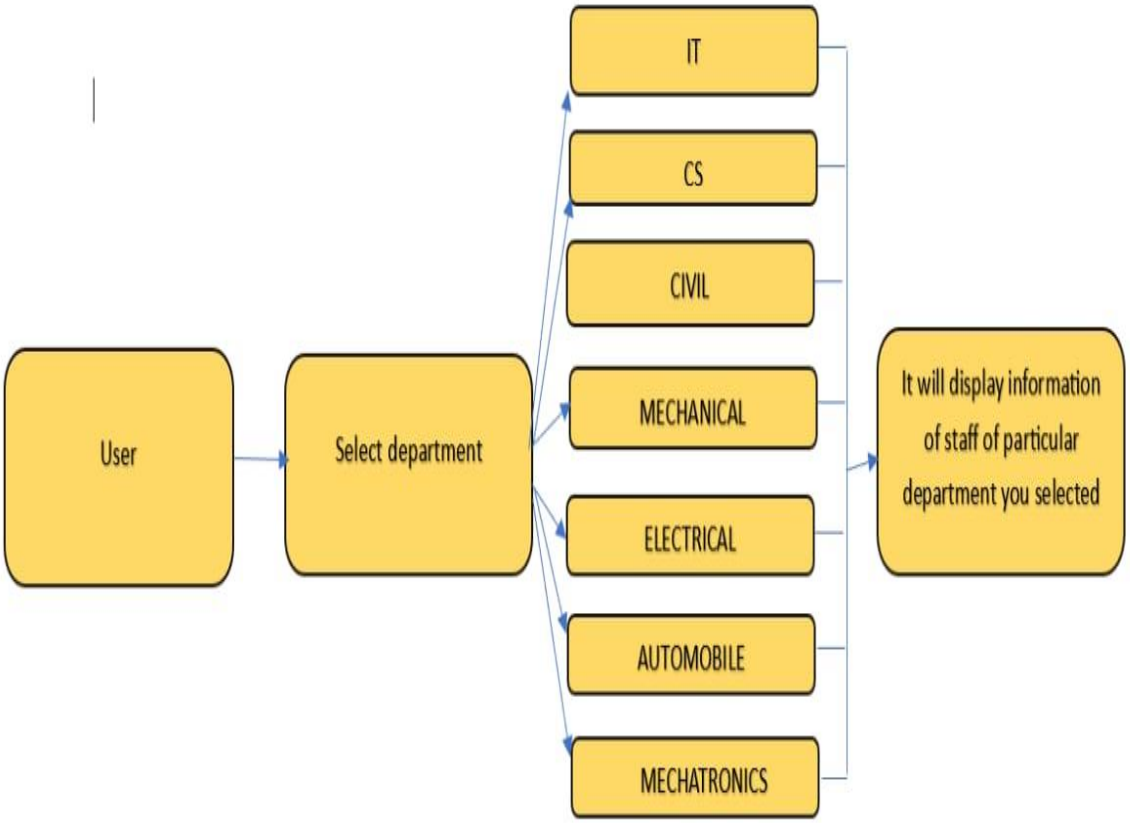
Comprehensive testing and validation of the Admission Process system to ensure that it meets the project requirements and performs accurately and reliably.

### V. Source code

Source code for the software application, the trained model, and any other components of the admission process system. The source code should be well-documented and should adhere to best practices in software engineering.

### VI. Deployment plan:

A deployment plan for the Admission Process system, including instructions for installation, configuration, and maintenance.




3.2 Deployment Diagram

# CHAPTER 4
# Methodology

## 4.1 Software Requirements

The software requirements for admission process using web page devlopement algorithm.

### HTML:-

HTML is stands for hypertext markup language for documents designed to be displayed in a web browser.it defines the meaning and structure of web content. With HTML ypu can create your own website.

### CSS :-

**Cascading Style Sheets** (**CSS**) is a style sheet language used for describing the presentation of a document written in a markup language such as HTML or XML (including XML dialects such as SVG, MathML or XHTML).CSS is a cornerstone technology of the World Wide Web, alongside HTML and JavaScript.

Css is used to provide a style ,design and other component like colours,font style ,component style etc.

### Javascript

JavaScript is a programming language used to create dynamic content for websites. It achieves this by adding new HTML elements while modifying existing ones. Many coders enhance web development skills using JavaScript to create user-friendly and interactive websites.

### IDE (Integrated Development Environment)

Integrated development environments are designed to maximize programmer productivity by providing tight-knit components with similar user interfaces. IDEs present a single program in which all development is done. This program typically provides many features for authoring, modifying, compiling, deploying and debugging software. This contrasts with software development using unrelated tools, such as vi, GDB, GNU Compiler Collection, or make.Visual studio is commonly used.you can write in palin text editior such as notepad in windows.and VI or Emacs in linux.

## Web Browser

Websites can look different from browser to browser, so testing your web pages to make sure they look and function as intended is crucial. Chrome, Firefox, Safari (Mac), Opera, and Edge (Windows) are the most popular browsers.

You need to test your pages for appearance and function in mobile browsers, too. Most desktop browsers offer the ability to view websites in variously sized windows. For example, a wealth of testing tools is available in Google Chrome at View > Developer > Developer Tools. Select the smartphone icon in the upper left of the developer window to see any page in differently sized windows and mobile operating systems.

| | |
|---|---|
| Platform | Windows |
| Language | HTML, CSS, Javascript |
| Browser | Chrome,firefox,Edge etc |
| Text Editor | VS Code,MS Notepad etc |

## 4.2 Hardware Requirements

The hardware requirements for Admission processs using algorithms is depend on several factors such as the complexity of the model, the size of the dataset, and the desired performance of the system. Generally, the following hardware components are required.

### CPU:

A modern CPU with multiple cores is essential for efficient training of deep learning models.

### Memory:

Sufficient memory is required for loading and processing large datasets. A minimum of 16 GB of RAM is recommended for optimal performance.

### Storage:

Deep learning models require significant amounts of storage space. A minimum of 512 GB SSD storage is recommended for storing datasets and model weights.

### Other peripherals:

Other peripherals such as a monitor, keyboard, and mouse are required for setting up and interacting with the system.

| Content | Description |
| --- | --- |
| Processors | Intel i5, i7 |
| keyboard | Standard 102 keys |
| Mouse | 3 buttons |
| HDD | 20 GB Min<br>2 GB Recommended |

# CHAPTER 5
# Project Design

## 5.1 Introduction:

The "Adding Cutoffs to College Website" project aims to enhance the existing college website by incorporating a feature that displays admission cutoff scores for various courses and academic programs. This project is designed as a diploma project to demonstrate proficiency in web development and database management. The proposed feature will provide prospective students with crucial information to make informed decisions regarding their choice of programs and streamline the admission process.

## 5.2 Project Objectives:

The primary objectives of this project include:

Designing and implementing a user-friendly web interface to display admission cutoff scores.

Creating a backend system to manage and update cutoff data.

Integrating data retrieval from the college's internal databases.

Ensuring data accuracy and security.

Enhancing the user experience by making the cutoff information easily accessible and navigable.

## 5.3 Project Components:

### I. User Interface:

Develop a clean and intuitive user interface that provides access to cutoff information.

Design an aesthetically pleasing layout that aligns with the college's branding.

Ensure the website is mobile-responsive for a seamless user experience.

### II. Database Design:

Design a database schema to store admission cutoff data, including course names, cutoff scores, and relevant details.

Implement a database management system (e.g., MySQL, PostgreSQL) for data storage.

### III. Backend Development:

Develop server-side scripts to fetch data from the database and present it to the user interface.

Implement a user authentication system for authorized personnel to update cutoff scores.

Establish a secure connection between the database and the web server.

## IV. Data Integration:

Implement data retrieval mechanisms to access academic program information and cutoff scores from the college's internal systems.

Develop data import routines to update cutoff scores regularly.

## V. User Authentication:

Create a role-based authentication system to control access to data editing and administrative features.

Implement user registration and login functionalities.

## VI. Data Management:

Develop forms and interfaces for authorized administrators to add, update, or delete cutoff data.

Ensure data validation and security measures to prevent unauthorized access or data manipulation.

## VII. Testing and Quality Assurance:

Conduct rigorous testing to identify and rectify any bugs, errors, or security vulnerabilities.

Verify data accuracy and reliability by comparing the displayed cutoffs with the official records.

## VIII. Deployment:

Deploy the website on a suitable web server, ensuring uptime and reliability.

Configure domain settings and security measures, such as SSL certificates.

## IX. Timeline:

Define a project timeline with specific milestones, including design, development, testing, and deployment phases.

## X. Resources:

Identify the necessary software, hardware, and human resources for the project.

Allocate roles and responsibilities to team members, if applicable.

## XI. Budget:

Estimate the project budget, including costs for hosting, software licenses, and development tools.

## XII. Risks and Mitigation:

Identify potential risks, such as data security breaches or system failures, and develop strategies to mitigate them.

## 5.4 Conclusion:

The "Adding Cutoffs to College Website" project will enhance the college's online presence and improve the admission process by providing essential information to prospective students. This diploma project demonstrates your ability to design, develop, and deploy a real-world web application with a focus on database management and user interface design.

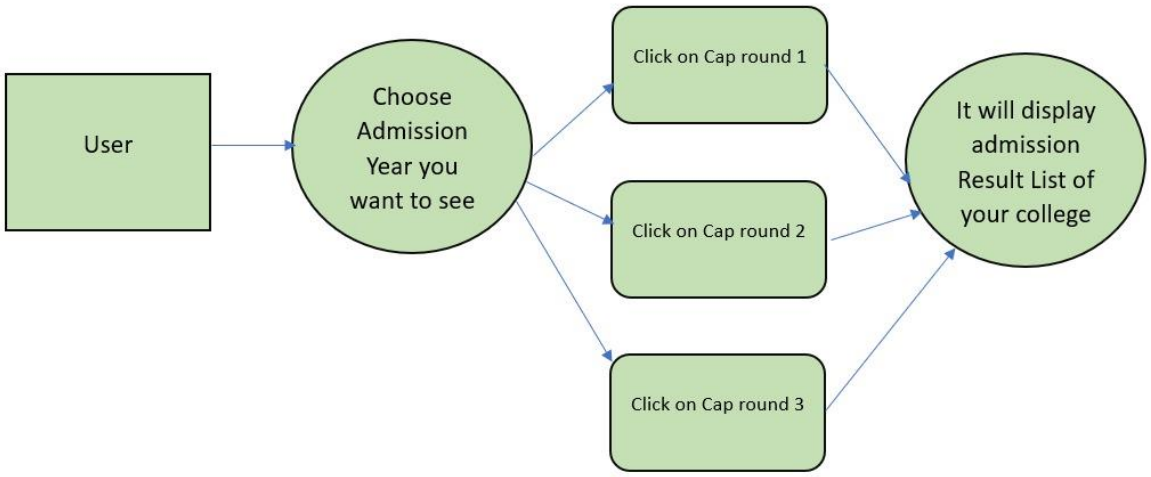



Fig 5.2 Use Diagram

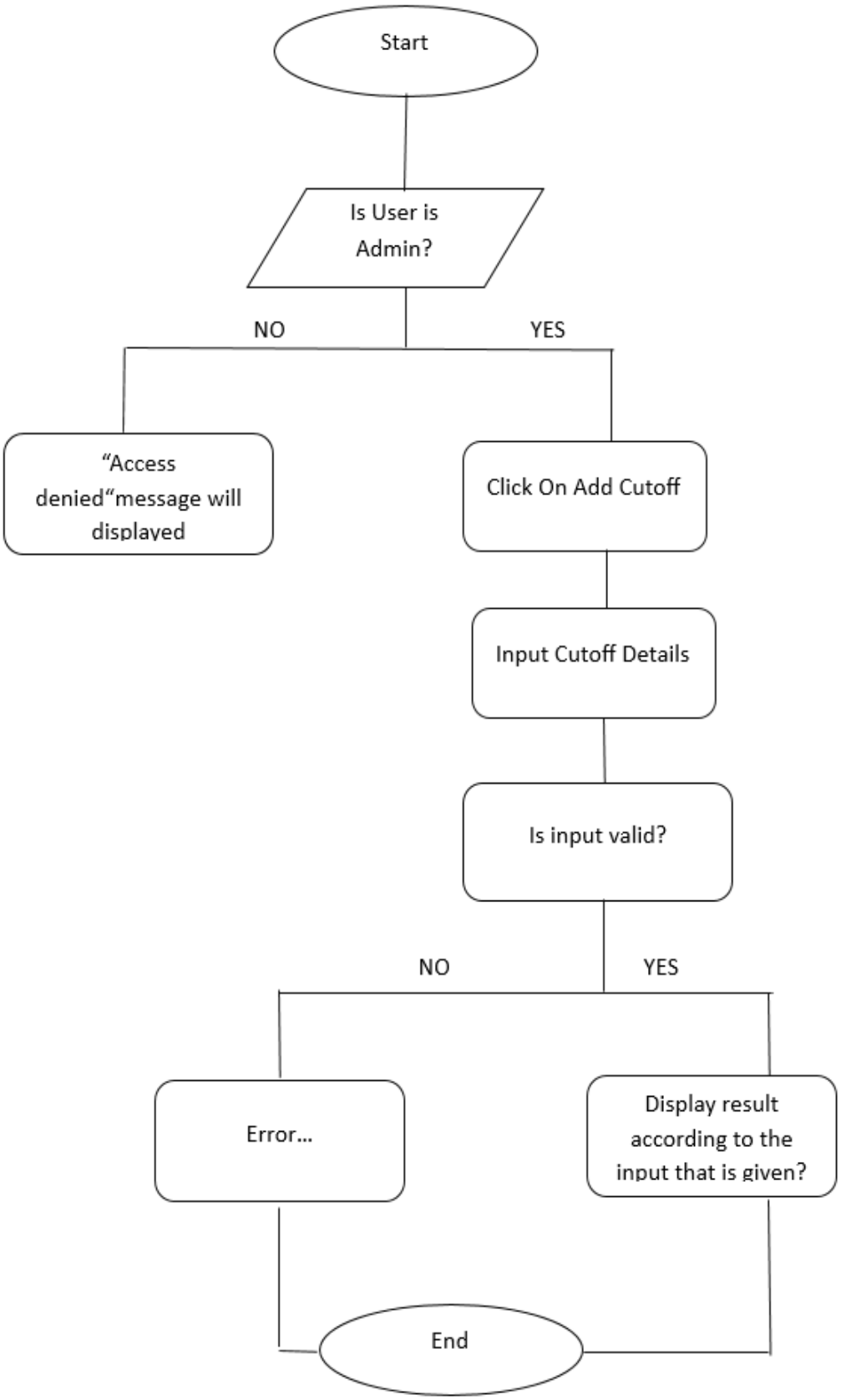



Fig 5.3 design flowchart

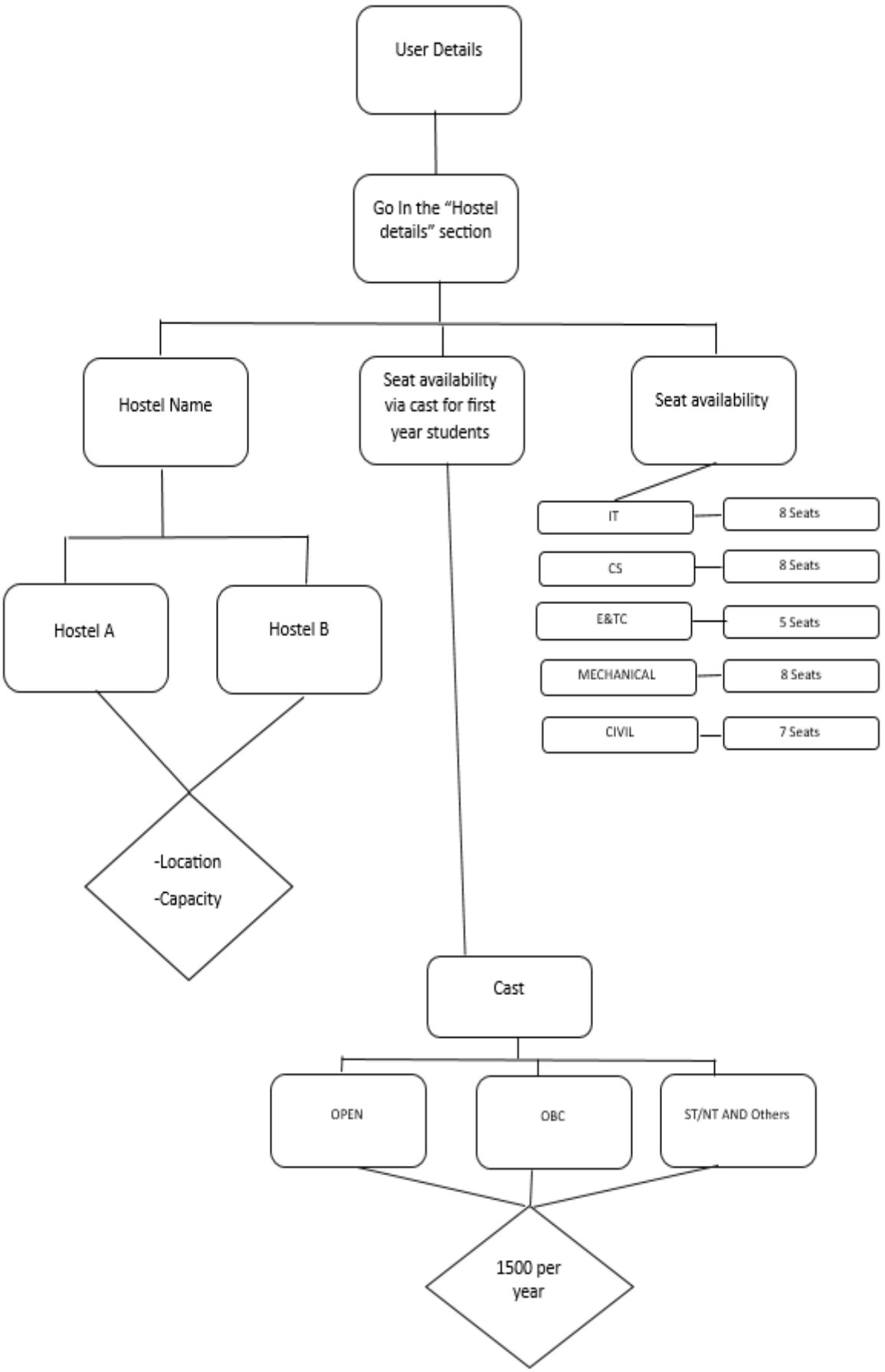



Fig 5.4 project component

# CHAPTER 6
# Implementation

## Data Collection:

Gather relevant data such as student application information, test scores, academic records, and any other data that may influence the admission decision.
Ensure data quality, consistency, and privacy compliance.

## Data Preprocessing:

Clean the data by handling missing values, outliers, and inconsistencies.
Normalize or scale features if necessary.
Encode categorical variables using techniques like one-hot encoding.
Split the data into training and testing sets.

## Feature Extraction/Engineering:

Identify relevant features and engineer new ones if needed.
Feature selection can help to reduce dimensionality and improve model performance.

## Model Training:

Select an appropriate machine learning or statistical model for admission prediction. Common choices include logistic regression, decision trees, or neural networks.
Train the model using the training data, optimizing hyperparameters as needed.

## Testing and Evaluation:

Evaluate the model's performance on the testing dataset using metrics like accuracy, precision, recall, F1 score, or AUC-ROC.
Perform cross-validation to assess the model's generalization performance.

## Deployment:

Deploy the admission model into a production environment. This could be a web application, an API, or any other suitable platform.
Ensure scalability, security, and monitoring of the deployed model.

## Integration:

Integrate the admission model with the existing admission process workflow.
Implement a decision-making mechanism that uses the model's predictions
to assist in the admission process.

## 6.1 code

## //.HTML FILE

```
<!DOCTYPE html>

        <html lang="en">
        <head>
        <meta charset="UTF-8">
        <meta name="viewport" content="width=device-width, initial-scale=1.0">
        <title>Project</title>
        <link rel="stylesheet" href="style.css">
        <link rel="stylesheet" href="Hostel.css">
        <script type="text/javascript" src="script.js"></script>
        </head>

      <body>
      <div class="navbar">
         <div class="header">
        <div class="logo"><p>Logo</p></div>
        <ul>
         <li><a href="index.html">Home</a></li>
         <li><a href="#Home">About</a></li>
         <li><a href="#Home">Services</a></li>
         <li><a href="#Home">Analyzer</a></li>
         <li><a href="#Home">Events</a></li>
         <li><a href="Hostel.html">Hostel</a></li>
         </ul>
         </div>
         </div>
         </div>
        <div class="Inav">
        <P></P>
        <P>GOVERNMENT POLYTECHNIC NASHIK, NASHIK SAMANGAON ROAD </P>
        </div>
      <div class="flex-container">
         <div class="flex1">
      <box class="box" id="b1"><a href="#">IT</a></box>
      <box class="box">Flex</box>
      <box class="box">Flex</box>
      <box class="box">Flex</box>
```

```
        </div>
        <div class="flex2">
        <box class="box">Flex</box>
        <box class="box">Flex</box>
        <box class="box">Flex</box>
        <box class="box">Flex</box>
        </div>
        <div class="flex3">
        <box class="box">Flex</box>
        <box class="box">Flex</box>
        <box class="box">Flex</box>
        <box class="box">Flex</box>
        </div>
        <div class="flex4">
        <box class="box">Flex</box>
        <box class="box">Flex</box>
        <box class="box">Flex</box>
        <box class="box">Flex</box>
        </div>
        <div class="flex5">
        <box class="box">Flex</box>
        <box class="box">Flex</box>
        <box class="box">Flex</box>
        <box class="box">Flex</box>
        </div>

        </div>
        <div class="video-container">
          <video controls>
            <source src="/videos/test.mp4" type="video/mp4">
            <audio src="/videos/test.mp4"></audio>
            <!-- Include additional source elements for other formats if needed -->
            Your browser does not support the video tag.
          </video>
         </div>
         <div class="footer">
        <div class="footer_content">
        <p>@copyright HELPER NINJAS</p>
        </div>
        </div>
        </body>
</html>
```

**//.CSS FILE**

```
* {
   margin: 0;
   padding: 0;
   box-sizing: border-box;
}
body{
   overflow:scroll;
}
::-webkit-scrollbar {
   width: 0;  /* Remove scrollbar space */
   background: transparent;  /* Optional: just make scrollbar invisible */
}
/* Optional: show position indicator in red */
::-webkit-scrollbar-thumb {
   background: #FF0000;
}
.navbar {
   background-color: #311003;
   overflow: auto;
   display: flex;
   font-size: 20px;
   align-items: center;
   /* position: fixed;
   width: 100%;
  /* flex-wrap: wrap;*/

}
.navbar ul{
   list-style-type: none;
}
.navbar a {
   float: left;
   display: block;
   color: white;
   text-align: center;
   text-decoration: none;
   list-style: none;
   text-align: center;
```

```
}

.navbar a:hover {
   background-color:red;
   color: white;
   font-family: Verdana, Geneva, Tahoma, sans-serif;
   border-radius: 5px;
}
.navbar .logo {
   float: left;
   font-size: 24px;
   padding: 14px 16px;
   text-align: center;
   display: flex;
   color: white;
   align-items: center;
   justify-content: center;
   align-self: center;
}
.navbar ul{
   display: flex;
   width: 100%;
   flex-wrap: wrap;
   margin-left: 30px;
   justify-content: space-between;
}
.lnav{
 background-color: wheat;
 display: flex;
 justify-content: center;
 align-items: center;
}
.lnav p{
   font-size: 30px;
}
#b1{
   text-decoration: none;
   color: white;
   display: flexbox;
   align-items: center;
   justify-content: center;
   background-image: url(/images/image4.png);
```

```
}
#b1 a{
   text-decoration: none;
   list-style: none;
   font-size: 30px;
   color: white;
   align-self: center;
   text-align: center;
}
.header{
   display: flex;
   width: 100%;
   position: relative;
}
.header .logo ul{
   position: absolute;
}
ul *{
   margin: 15px;
}
p{
 justify-content: space-around;
}
.flex-container{
   display: flex;
   margin-top: 20px;
   width: 100%;
   height: auto;
   flex-direction: row;
   flex-wrap: wrap;
   justify-content: space-between;
   align-items: center;
}
.flex1{
   display: flex;
   width: 100%;
   justify-content: center;
   align-items: center;
   justify-content: space-evenly;
}

.flex2{
   display: flex;
```

```
    width: 100%;
    justify-content: center;
    align-items: center;
    justify-content: space-evenly;
}
.flex3{
    display: flex;
    width: 100%;
    justify-content: center;
    align-items: center;
    justify-content: space-evenly;
}
 .flex4{
    display: flex;
    width: 100%;
    justify-content: center;
    align-items: center;
    justify-content: space-evenly;
}
 .flex5{
    display: flex;
    width: 100%;
    justify-content: center;
    align-items: center;
    justify-content: space-evenly;
}
.box{
    height: 200px;
    width: 200px;
  background: linear-gradient(red,purple);
  color:azure;
  text-align: center;
  line-height: 60px;
  border-radius: 20px;
  border-radius: 2px solid rgb(5, 0, 0);
  margin: 10px;
}
.slider-container {
    width: 50%;
    height: 50%;
    overflow: auto;
    position: relative;
    display: flex;
```

```
    justify-content: center;
    align-items: center;
    margin-top: 200px;
    border: 4px solid black;
}
/* Slides */
.slide {
    display: none;
    width: 100%;
}
/* Slide images */
.slide img {
    width: 100%;
    height: auto;
}
/* Navigation buttons */
.prev, .next {
    position: absolute;
    top: 50%;
    transform: translateY(-50%);
    padding: 10px;
    background-color: rgba(0, 0, 0, 0.5);
    color: #fff;
    cursor: pointer;
}
.prev {
    left: 0;
}
.next {
    right: 0;
}
.video-container {
    /* display: flex;
    align-items: center;
    justify-content: center; */
    border: 2px solid red;
    align-items: center;
    height: 200px;
   /* margin: 0 auto;   /* Center the video horizontally */
}
.video-container{
    height: 500px;
width: 100%;
```

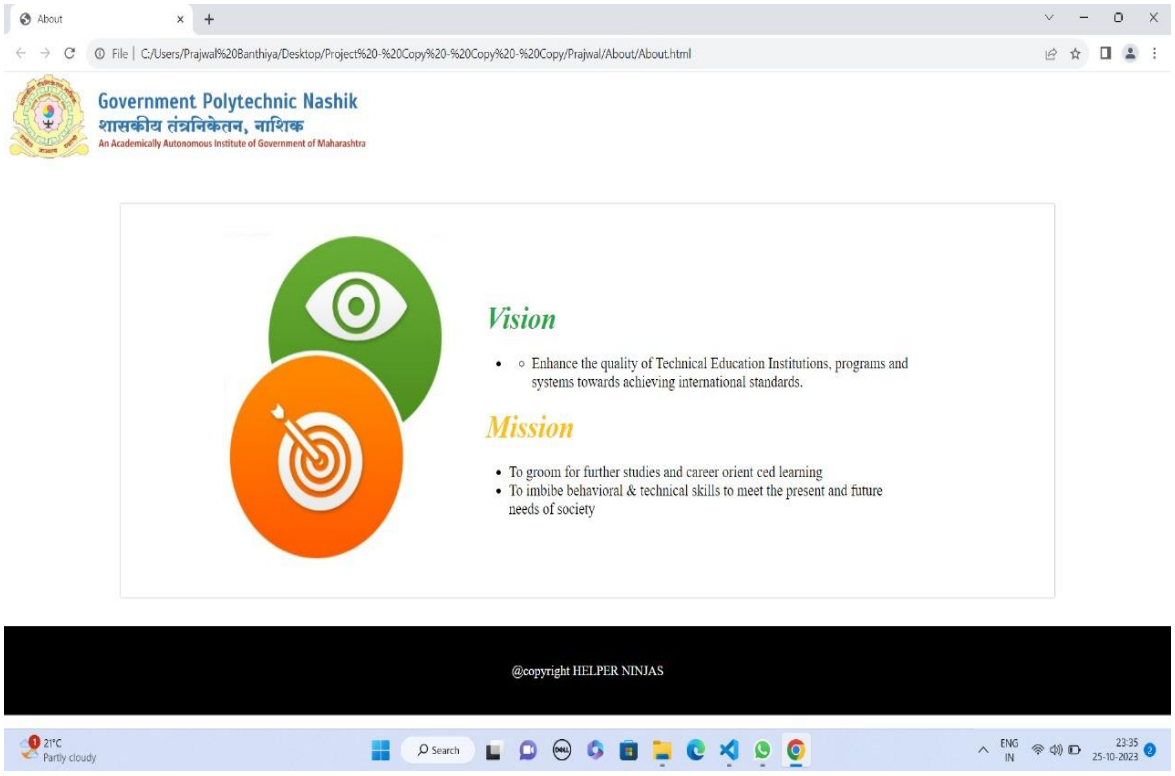
```
        display: block;
        align-self: center;

        }
        .footer{
        display: flex;
        align-items: center;
        justify-content: center;
           background-color: black;
           margin-top: 50px;
           color: white;
           height: 50vh;
        }
        .video-container video{
           width: 100%;
           height: 500px;
}
```

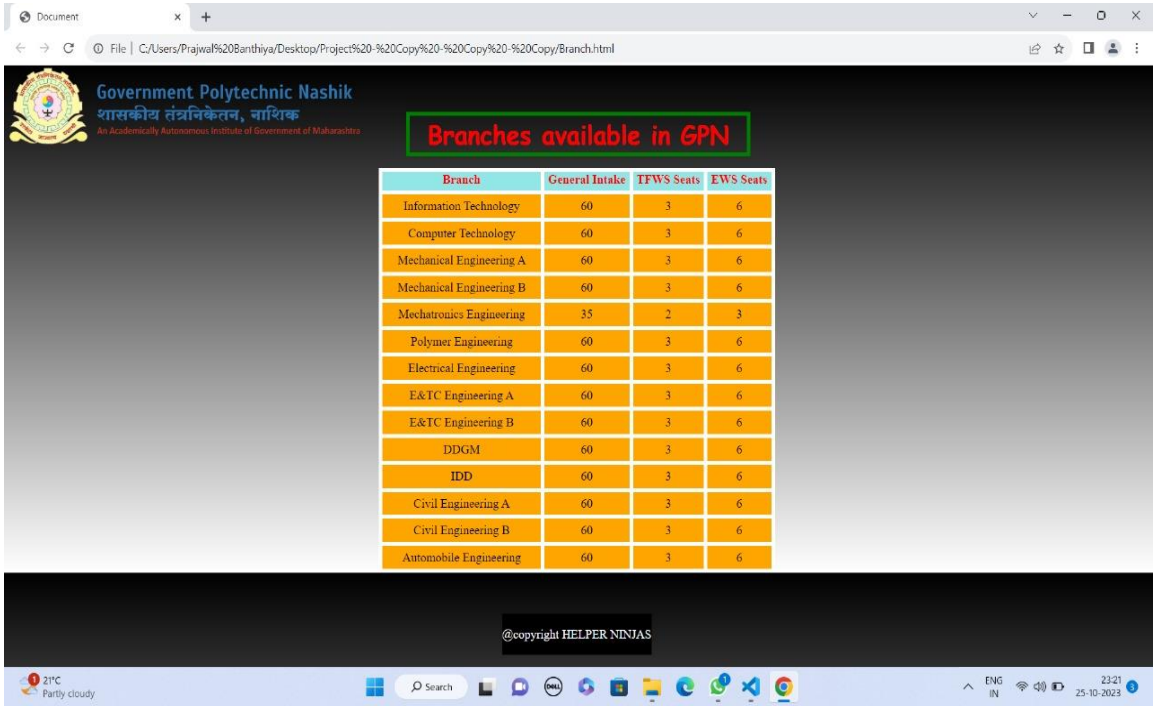
# CHAPTER 8
# Result and Application

## User Interface


## Vision mission



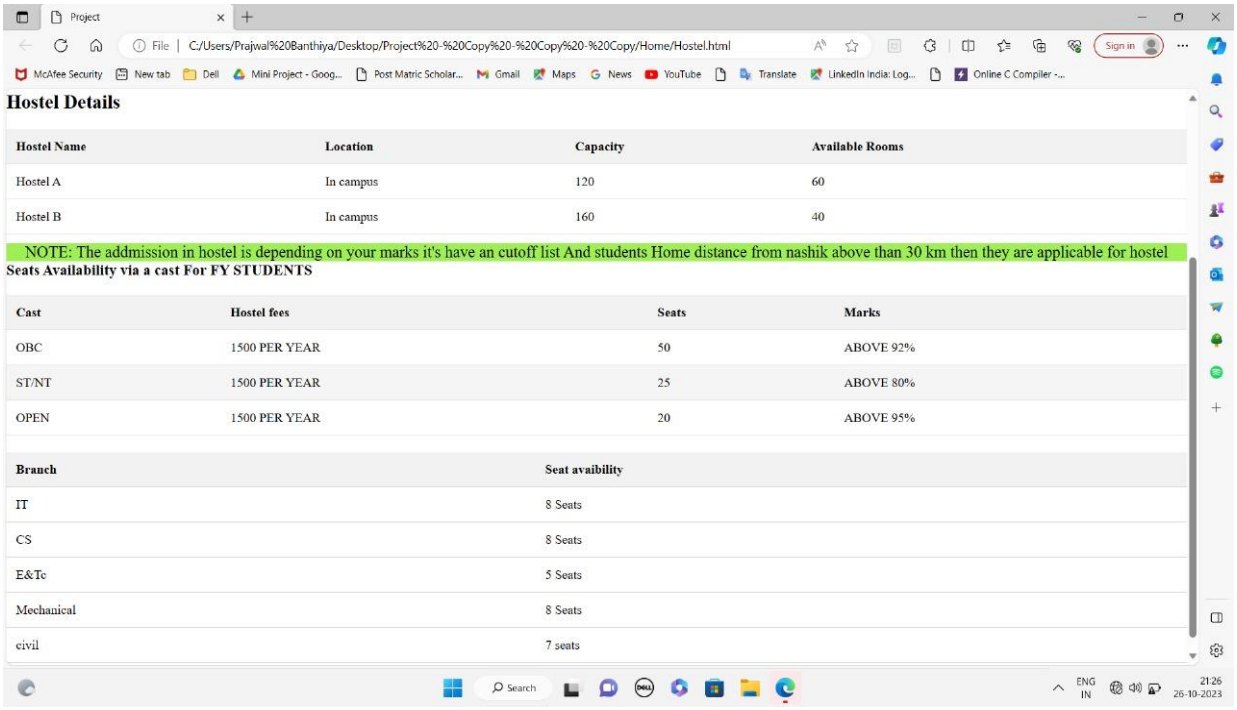
## Branches




| Branch | General Intake | TFWS Seats | EWS Seats |
|---|---|---|---|
| Information Technology | 60 | 3 | 6 |
| Computer Technology | 60 | 3 | 6 |
| Mechanical Engineering A | 60 | 3 | 6 |
| Mechanical Engineering B | 60 | 3 | 6 |
| Mechatronics Engineering | 35 | 2 | 3 |
| Polymer Engineering | 60 | 3 | 6 |
| Electrical Engineering | 60 | 3 | 6 |
| E&TC Engineering A | 60 | 3 | 6 |
| E&TC Engineering B | 60 | 3 | 6 |
| DDGM | 60 | 3 | 6 |
| IDD | 60 | 3 | 6 |
| Civil Engineering A | 60 | 3 | 6 |
| Civil Engineering B | 60 | 3 | 6 |
| Automobile Engineering | 60 | 3 | 6 |

## Cutoff

# Hostel Detail



# CHAPTER 9
# Testing

## Testing-:

Testing of a Admission Process Website can be done in a variety of ways, depending on the specific features and functionality of the system. Some common types of testing include**:**

## Unit testing:

Unit testing involves testing individual units of code, such as functions and classes. This type of testing is typically done by the developers of the system.

## Integration testing:

Integration testing involves testing how different units of code work together. This type of testing is typically done by the developers of the system, but it can also be done by independent testers.

## System testing:

System testing involves testing the entire gym system as a whole. This type of testing is typically done by independent testers, and it should be done before the system is released to users.

## Acceptance testing:

Acceptance testing involves testing the gym system to ensure that it meets the requirements of the users. This type of testing is typically done by the users of the system, and it should be done before the system is released to production.

| Test Case ID | Name | Test cases Objective | Step | I/P Data | Expected Result | Actual O/P | Status |
|---|---|---|---|---|---|---|---|
| TC_1 | Launch Website | Verify whether it launch the website properly | 1)Go to browser<br>2)Enter the URL<br>3)Hit the URL | | It Should open the website | It opens the website | Pass |
| TC_2 | Go to Home Page | Verify whether all the branches and navbar are displayed | 1)Go to Home section of navbar<br>2)Check all navbar and branches are displayed properly | Go to navbar sections | It should navigate to proper navbars and branches | It navigated through the navbar correctly | Pass |
| TC_3 | Go to About in navbar | Verify it navigates to about page and vision, mission, Image and footer are displayed properly | 1)Go to navbar<br>2)In navbar click on about section | 1)Go to about in the navbar<br>2)It should display vision and mission properly | It should navigate to about page and should display vision, mission, images and footers properly | It navigated through about page correctly | Pass |
| TC_4 | Go to Analyzer in navbar | Verify it navigates to Previous Year Cutoff page | 1)Go to navbar<br>2)In navbar click on Analyzer section | 1)Go to Analyzer in navbar<br>2)It should display previous year cutoff properly | It should navigate to Analyzer page and should display the previous year cutoff | It navigated through Analyzer correctly and displayed previous year cutoff | Pass |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| TC_5 | Go to Intake section | Verify it navigates to Intake Section | 1)Go to navbar<br>2)In navbar click on Intake Section | 1)Go to Intake in navbar<br>2)It should display the intake properly | It should navigate to Intake page and should display the intake of branches available in college | It navigated through Intake correctly and displayed intake of branches | Pass |
| TC_6 | Go to Hostel in navbar | Verify it navigates to hostel page seat details and intake and enrollment is displayed properly | 1)Go to navbar<br>2)In navbar click on Hostel in | 1)Go to Hostel in navbar<br>2) It should navigate to Hostel page and should display intake, seat details according to branch and enrollment | It navigated through hostel page correctly | It navigated through hostel page correctly and displayed the seats properly | Pass |
| TC_7 | Go to Events in navbar | Verify it navigates to Events page and it displays the events which takes place in the college | 1)Go to navbar<br>2)In navbar click on Events | 1)Go to Events in navbar<br>2)It should navigate to Events page and should display events which takes place | It navigated through events page correctly | It navigated through events page correctly and displayed the events properly | Pass |
| TC_8 | Go to Footer section | Verify whether the footer is displayed properly | 1)Go to footer | 1)Go to last part of webpage it should display the footer properly | It displayed footer properly | It displayed the footer and displayed the footer properly | Pass |

# CHAPTER 10
# Conclusion and Future Scope

## 1.1 Conclusion

The implementation of the "Add Cutoffs" feature to the college website project is a significant enhancement that serves to streamline and improve the admission process for both students and administrators. This feature provides a transparent and accessible way for prospective students to access vital information regarding admission criteria and facilitates administrators in managing and updating this data efficiently. The successful implementation of this feature involves not only technical considerations but also compliance with legal and ethical standards, ensuring data security, and delivering a user-friendly experience.

## 11.2.Future Scope

Adding cutoffs to the college website helps students to know the minimum scores required for admission.

Various regions cutoffs will be added in the future.so,the students of Maharashtra can access cutoff of various districts.

In future,Students will easily access admission requirements,helping them make informed decisions about applying to colleges.

Colleges will have idea to streamline their admission processes,reducing administrative work and improving transparency in the selection process.

By using this website,we would integrate with other educational systems and platforms ,so it will automatically enhance its functionality.

# CHAPTER 11
# Appendix

## Appendix: Cutoffs Implementation for College Website Project

This appendix provides additional information and resources related to the implementation of cutoffs for the College Website Project. Cutoffs are a crucial feature for the website, especially for diploma students, as they help in conveying admission-related information and requirements.

### 1)Database Schema Changes:

To implement cutoffs on the college website, certain changes must be made to the database schema. You need to create a new table for storing cutoff data, which might include fields like program, category (e.g., general, OBC, SC, ST), and the corresponding cutoff scores.

### 2)Data Entry and Management:

Populate the cutoff data into the newly created table. Ensure that the data is up-to-date and accurate, reflecting the most recent admission criteria.

### 3)User Interface:

Update the user interface to incorporate cutoffs into the admissions section of the website. Users, particularly diploma students, should be able to easily access this information.

### 4)Search Functionality:

Implement a search functionality on the website where users can input their course name or category and retrieve the cutoff information specific to their query.

### 5)Interactive Graphs and Charts:

To make the data more visually appealing and comprehensible, you may want to consider creating interactive graphs and charts that display the cutoff trends over the years.

### 6)Real-Time Notifications:

Enable real-time notifications for cutoff updates. Diploma students should receive notifications if there are any changes in the cutoff scores or admission criteria.

## 7)User Authentication and Access Control:

Ensure that only authorized personnel can update the cutoff data, and that the data is not tampered with. Implement robust user authentication and access control mechanisms.

## 8)Documentation:

Properly document the process of updating the cutoff data, from data source to website display. This documentation will be useful for future reference and for training other staff members.

By following these guidelines and best practices, you can ensure that the implementation of cutoffs on the college website is both efficient and beneficial for diploma students and the entire college community.

# CHAPTER 12
# References and Bibliography

## References:-

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