

# **FULL STACK PROJECT**

**(2021-2022)**

## **SYNOPSIS**



## **TEAM MEMBERS**

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## **SCMS-STUDENT AND CAMPUS MONITORING SYSTEM**

### **INTRODUCTION-**

SCMS stands for “STUDENT AND CAMPUS MONITORING SYSTEM” deals with the maintenance of University data, records, instructions, and student information within the University. It is a system, which is used to store the information, students record, and information of courses. Every organization whether big or small has challenges to overcome and managing the information of students, colleges, and faculties. Every university has different college needs therefore, we design exclusive management system that are adapted to the managerial requirements. It collects related information from all the departments of an organization and maintains files, which are used to generate reports in various forms to measure Individual and overall performance of the students.

### **OBJECTIVE-**

The main objective of this project is to manage details of the college, students, faculties, courses and services. The project totally built at administrative end and thus only the administrator is guaranteed the access to it. The purpose of the project is to build an application program to reduce the manual work for managing the details of college, students, faculties, courses and services field.

### **WORKING METHODOLOGY-**

- It provides the searching facilities based on various factors such as classes, faculties and courses. Integration of all records of courses available.
- As we know, in many universities they have such a complicated gateway for accessing the details regarding fee structure and details of their own university, that it becomes difficult for them to get the information easily, So, here we are designing a portal for a university so that each and every information will be easily accessible online and users can have access to it.
- Here are Sub Sections where there are lots of category where users can visit and it get to know the details of every field.
- This will reduce the time of the user because everything will be available just in front of us and we don't have to face difficulty in searching it.

## **SOFTWARE SPECIFICATIONS**

- Technology Implemented : Front-End Technologies
- Language Used : HTML, CSS, JavaScript, Bootstrap
- Development Environment : Visual Studio code
- Web Browser : Chrome / Firefox

## **HARDWARE SPECIFICATIONS**

- Processor : intel i3
- Operating System : Windows 7/8/10
- RAM : 4+GB
- Hard disk : 64 GB
- Hardware Devices : Computer System

## **TEAM CONTRIBUTION-**

- In this project we are working as a team of 2 members Aditi and Palak.
- There are 9 Modules in this. We have decided to divide each module among us.
- Home, Login, Hostel, Conveyance and Courses offered sections will be handled by Aditi. Mess, About us, Exam and Contact sections will be managed by Palak.
- Aditi is precise in the field of HTML and CSS, that's why she is making main page, Palak will operate with data and other things.
- This will take probably one and half month to complete this project with full analysis.

## **LIMITATIONS OF THE SYSTEM PROPOSED-**

- Internet connection is required while accessing the website.
- Transactions are executed in offline mode, hence online data for classes, faculties, capture and modification is not possible.
- Though the software presents a broad range of options to their users but some intricate options could not be covered into it partly because of logistics and partly due to lack of sophistication.
- As we are working in front end technologies, we do provide functionality over services.
- Lack of time also compelled to ignore some parts such as old result of the candidate.

## **ONLINE GIT REPOSITORY-**

GIT REPOSITORY:

 <https://github.com/aditi0206/HTMLProject.git>

LINK:

 <https://aditi0206.github.io/HTMLProject/>

## **CONCLUSION -**

Our project is a humble venture to satisfy the needs to manage the project work. This package shall prove to be a powerful package in satisfying all the requirements of the university. The objective of this project is to provide a framework that enables the users to operate and access the university portal more easily. It is easy to track the details of students and courses they have opted for, and the teachers allotted to them for different courses by using the friendly interface of the system.

**In a nutshell, it can be summarized that the future scope of the project is to add the back-end services with enhanced features. We have left all the options open so that if there is any other future requirement in the system by the user for the enhancement purpose, then it is possible to implement them.**

**We hope that the project will serve its purpose for which it is developed, there by underlining success of process.**

**REFERENCES:**

- [www.beta-labs.in](http://www.beta-labs.in)
- <https://www.w3schools.com>
- <http://www.tutorialspoint.com>
- <https://www.javatpoint.com>