**MES’s INSTITUTE OF MANAGEMENT AND CAREER COURSES**



**“Sunshine Public School”**

Submitted By

**Aditya Ashok Kodape 2201095**

**Rahul Kumar 2201110**

**Raj Verma 2201195**

Guided By

**Dr. Shweta Meshram**

Submitted To

**MES’s IMCC**

131, Mayur Colony, Kothrud, Pune-411 038, MH, INDIA

2022-2023

**Mini Project Index**

|  |  |  |
| --- | --- | --- |
| **Activity No.** | **Description** | **Page No.** |
| 1 | Chapter 1 – Introduction   * 1. Project Scope | 3 - 6 |
| 2 | Chapter 2 – Design  2.1 Business Use Case  2.2 Class diagram  2.3 Database Design/ Data Dictionary |  |
| 3 | Chapter 3 - User Interface  3.1 Input design  3.2 Output Design |  |
| 4 | Chapter 4 – Code |  |
| 5 | Bibliography |  |

**Introduction**

Welcome to Sunshine Public School Website! Our innovative and comprehensive full-stack website aims to revolutionize the way educational institutions manage their administrative and academic processes.

Developed as a college project, Sunshine Public School Website is designed to streamline operations, enhance communication, and empower the teachers and students of Sunshine Public School with a user-friendly and efficient digital platform.

At Sunshine Public School, we believe in providing a nurturing and conducive environment for academic excellence. Our website embraces this vision by seamlessly integrating essential features for efficient administration, academic monitoring, and enhanced communication.

Sunshine Public School aims to bridge the gap between traditional administrative methods and the modern digital era. By leveraging cutting-edge technologies, our website offers a user-friendly, secure, and scalable platform that aligns with the evolving needs of educational institutions.

Our website serves as a centralized hub where administrators, teachers and students can conveniently access and manage essential school-related information. Through the user-friendly interface, we aim to simplify complex tasks, reduce manual efforts, and empower stakeholders to focus on what truly matters: education.

**Project Scope**

**User Requirements**:

1. User-friendly interface and accessible to all: The platform will have a user-friendly interface that is easy to navigate, with clear instructions and features with accessibility 24 X 7.

1. Secure and reliable: The platform will be secure and reliable, with robust data encryption and backup mechanisms to protect data.
2. Availability of services: The platform will provide various services including management, reports, notice, login, registration and other school related services.
3. Mobile compatibility: The platform will be compatible with mobile devices to ensure that residents can access the services using their smart phones.
4. Other features of the portal:

The main essential features of the website includes following:

1. Different dashboard for students and teachers
2. Academics page for the information bulletin related to the school academics.
3. Activities page for all activities that will be organized by the school or by other schools.
4. Contact us page will provide information about how to reach out to the school.

**Module Specifications**:

1. Home:

The homepage would be user-friendly and eye catching. It contains information about the school and other modules available in the website.

1. Message:

The message page contains the message of Principal.

1. Faculty:

This page will show the details of the teachers like their name, qualification and so on.

1. Activities:

It contains details about the activities that are going to be organized by the school.

1. Academics:

This page will present the details and links about various academic activities like school admission details, syllabus, books and others.

1. Contact:

The page provides information about how to reach out to the school.

1. About:

It shows the information about the school and its achievements.

1. Signup/Register:

This page facilitates the students and teachers to register or log into the website.

1. Student Dashboard:

This page will be visible to students after login and provides info related to students like attendance, scores, holiday list, payment history, etc.

1. Admin Dashboard:

This page will be visible to admin after login and will facilitates different management features like student, examination, events, notice etc.

**Technologies To Be Used**

1. HTML
2. CSS
   * Bootstrap
3. Python
   * Flask
4. MySQL / SQLite
5. Git and GitHub
6. CodeSpaces (hosting)