1. **Introduction**

The "Student Hostel Management System" is a web-based application designed to streamline and enhance the management of student hostels in educational institutions. This system will provide an efficient and user-friendly platform for both students and hostel administrators to manage hostel-related tasks and activities. The primary goal of this project is to simplify the hostel allocation process, reduce administrative overhead, and improve the overall hostel living experience for students.

2. **Project Objectives**

The main objectives of the Student Hostel Management System are as follows:

    2.1. Hostel Allocation and Application:

    Enable students to apply for hostel accommodation online, and streamline the allocation process for administrators.

    2.2. Room Assignment:

    Admin can assign rooms to students based on their preferences and availability.

    2.3. Payment Management:

    Facilitate online payment of hostel fees.

    2.4. Student & Employee Management:

    Help administrators manage hostel students and employees.

3. **Features**

    3.1. Student portal

    - User registration and login.

    - Online application for hostel accommodation.

    - Room preference selection.

    - Online payment for hostel fees.

    - Profile management.

    - Access to room information.

    3.2. Admin portal

    - User authentication and authorization.

    - Application and allocation management.

    - Assign and reassign room.

    - Payment tracking and management.

    - Students and employees management.

4. Technologies

The system will be developed using modern web development technologies, including:

- Frontend: HTML5, CSS3

- Backend: PHP

- Database: MySQL

5. Budget

The budget for this project will include expenses related to development, hosting, and ongoing maintenance. The exact budget will be determined during the requirements analysis phase.

6. Conclusion

The Student Hostel Management System is a vital tool for educational institutions to efficiently manage their hostel facilities. By implementing this system, we aim to simplify the hostel allocation process, improve the living experience for students, and reduce the administrative burden on hostel administrators.