RDBMS PROJECT LAB.

SYNOPSIS

TITLE: PG MANAGEMENT SYSTEM

TEAM MEMBERS:

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ABSTRACT:

This application eases the management of paying guests (PG) for all the people staying in the PG and all the people involved in the management of the PG. This application also helps the parents track the details of their children staying in the PG as it stores all the records for the same.

It reduces the workload of the wardens and the managers, helps the students get the services without hassle, and also assigns the routine for all the other employees of the PG.

This gives an outsider a view of the working of the PG and an option to book the rooms and request a visit or generate a query about the pg.

INTRODUCTION:

The PG management system is a comprehensive application that clubs the various available applications and a few other features which are not available in a single application.

It aims to make the living space more digitalized. It gives the parents a sense of security for their ward and the wardens a relief in their workload.

The application also aims to keep the cleaning staff involved in it. It accepts all the cleaning requests from the application itself and allots the cleaners.

The application will involve the head cook also, who will be uploading the menu for the day for the unit they are managing, and the students, after seeing the menu for the different units, can select the unit in which they are going to eat in.

Apart from the above details, the application will store the check-in and check-out timing and the stats about the time spent in the study area, gym area, and gaming area.

This application also manages the rent records of the student and provides an option to pay it directly through the application.

MODULE INFORMATION:

The application opens with a login portal with three different options:

1. Student Login
2. Management login
3. Parent login

It contains an inquiry portal with holds:

1. About us
2. Book a room
3. Generate a query

The different users will have different options in their login options. For example:

Student: Attendance, Check-in and Check-out history, Cleaning requests, etc.

Management:

This will contain more five sub-sections:

- Owner
- Warden
- Manager
- Cook's head
- Cleaning head

Parents: This contains most of the things a student portal has, as well as the rent payment option(which can be put into the student portal if and when required during the registration of a student).

TOOLS PROPOSED:

Front end: html5, CSS, JavaScript, Boot strap.

Back end: MySql and php.