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UNITY WOMEN'S COLLEGE

Govt. Aided & Affiliated to University of Calicut
Accredited by NAAC with CGPA 2.82 & B Grade

SYNOPSIS

of the project

UNI#OSTELORG

Version 1

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1 INTRODUCTION

This is a student project designed on the basis of the academic work of sixth semester BSc. Computer science. This project consists of the software tool for computerizing the various activities held in the hostel. The administration process in the most of the hostels is held manually. So automating this system would help the whole administration to run smoothly and user friendly way. Making this to more technological way can be a new innovation in the college hostel facilities. Organizing and maintaining the whole activities in hostel by a single person are difficult, so to make them relaxed this project will be helpful. It reduces the burden of the administrator. This software will be helping the college hostels to innovate their traditional way of hostel management.

2 OBJECTIVES

- The main objective of this project is to make a software tool to bring the traditional hostel organization method to more technological way.
- This project reduces the work load of the person who runs the hostel in a larger extent.
- This makes the management system to run smoothly and in a modern way.

3 EXISTING SYSTEM

Existing system of hostel organization method is purely manual process. This can create some errors and burden to the administrator to control and manage everything around the hostel. The existing systems have a method of paper written records, so it make difficult to students to get the information and there results inconvenience in sharing the messages. In the existing system students have to meet the administrator for any complaints and to check the fee details, mess fees and menu schedule, it's absolutely time wastage so this makes the existing system more and more inconvenient.

In this modern world, time is more valuable, the existing system takes a lot of time to check the fee details by looking the register, calculating mess bill and make it reach with the students. All the manual processes have some burdens related with it, likewise the traditional hostel organization also have these burdens. So it will be better if it was automated.

4 PROPOSED SYSTEM

The proposed system software UNI#OSTELORG is to manage various activities in the hostel. This system will reduce the manual works and also it provides a user friendly approach.

This particular project deals with the problems on managing a hostel and avoids the problems which occur when carried manually.

The purpose of UNI#OSTELORG is to automate the existing manual system by the help of computerized equipment, so that their valuable data can be stored for a longer period with easy accessing and manipulation of the same. The software can lead to error free, secure, reliable and fast managing system.

In this system, we can easily manage the hostel details, room details, food menu settings, student records, mess expenditure, mess bill calculation, time scheduling of students and easy way of room allocation and hostel attendance.

UNI#OSTELORG is a solution for the weak points of the existing system. This project involves the fully computerized system of the traditional hostel system. This makes more convenient administration and lowers the load of the administrator. Students also get clear idea about their fees, time schedules, their own details, food menu etc...This method consumes time of everyone in the hostel and this system is more secured form.

There are 5 modules in this project:

- MODULE 1: Administration module.
- MODULE 2: Attendance module.
- MODULE 3: Food menu settings module.
- MODULE 4: Time schedule module.
- MODULE 5: Billing module.

MODULE 1: ADMINISTRATION.

- This module includes registration process, room and bed allocation for each student.
- The administrator has the full access to this software whereas students have only limited features.
- The administration creates an account as a new student joins and provides username and password for the student.
- The administrator allocates room and bed for students as the students wish by checking the availability.

MODULE 2: ATTENDANCE.

- Attendance module contains the details of students who were present in the hostel and those who took leave from the hostel.

MODULE 3: FOOD MENU SETTINGS.

- Food menu settings contain the whole details of the food menu in breakfast, lunch, evening snacks and dinner.
- This module sets the menu list of food weekly.

MODULE 4: TIME SCHEDULING.

- Time scheduling module includes the time allocated for each activities in hostel to improve students learning activities and physical fitness.
- This module schedules the time: study time, food time: (tea time, breakfast time, lunch time, dinner etc...), TV time (for giving entertainment for the students), play time (for making the students physically fit), refreshment time.

MODULE 5: BILL MODULE

- This module includes the details of the bill amount of the students.
- This module displays the room rent to students, mess bill.
- Also calculates the total bill for each student and displays it.
- Each student can login to their form and collect information of their bill amounts.

5 COMPLETION PLAN

Sl. No	Description	Deadline
1	Synopsis submission	06.07.2018
2	a) GUI designing (primary submission)	09.07.2018
	b) GUI designing (final submission-after correction-if any)	25.07.2018
3	a) SRS-First review	01.08.2018
	b) SRS-Second review	08.08.2018
4	c) SRS-Third review	16.08.2018
	d) SRS submission	05.09.2018
5	Design document (pseud code & GUI)	19.09.2018
	a) First review	
	b) Second review	26.09.2018
6	c) Final submission	03.10.2018
	a) Code review 1	17.10.2018
	b) Code review 2	31.10.2018
	c) Code review 3	14.11.2018
	d) Code review 4	28.11.2018
	e) Code review 5	12.12.2018
7	f) Code review final	19.12.2018
	Project demo	02.01.2018
8	Project presentation & demo	23.01.2019
8	Report submission (Both hardcopy and softcopy)	30.01.2019

- * If examinations or any other programmes interfere with the scheduled dates, the postponed date will be the next working day.
- * SRS: Software Requirement Specification.