DLithe Consultancy Services Pvt.Ltd

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Java Full Stack

An Internship Report

On

"Student Hostel Management System"

Submitted by

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Submitted to

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ABSTRACT

The purpose of student hostel management system is to automate the existing manual system by the help of computerised equipments and full pledged computer software, fulfilling their requirements, so that their valuable data/ information can be stored for a longer period with easy accessing and manipulation of the same. The required software and hardware are easily available and easy to work with.

Student Hostel Management System, as described above, can lead to error free, secure, reliable and fast management system. It can assist the user to concentrate on their other activities rather to concentrate on the record keeping. Thus it will help organization in better utilization of resources. The organization can maintain computerized records without redundant entries. That means that one need not be distracted by information that is not relevant, while being able to reach the information.

The aim is to automate its existing manual system by the help of computerized equipments and full pledged computer software, fulfilling their requirements, so that their valuable data/ information can be stored for a longer period with easy accessing and manipulation of the same. Basically the project describes how to manage for good performance and better services for the clients.

CONTENTS
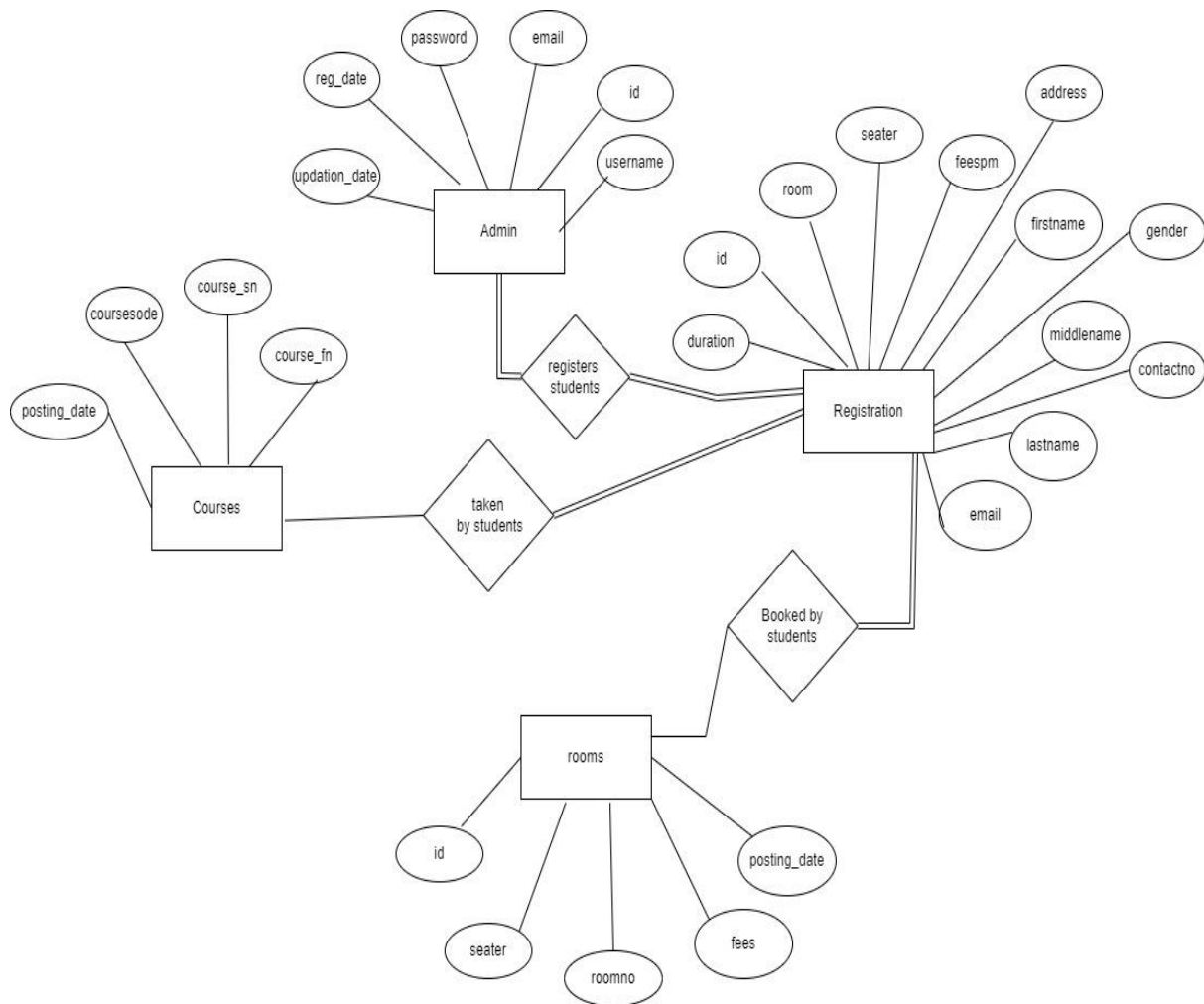
1.INTRODUCTION

1.1 Problem statement:

The Hostel Management System is developed for automating the activities of hostel. This software will help user in case of reporting, registration and searching the information about residents and rooms. The aim of the Hostel Management System is to carry out the activities of Hostel in an efficient way. It will take the operations of Hostel to an upper level by providing faster access to data and allowing addition, upgradation, modification, and deletion of data in a very systematic and reliable manner.
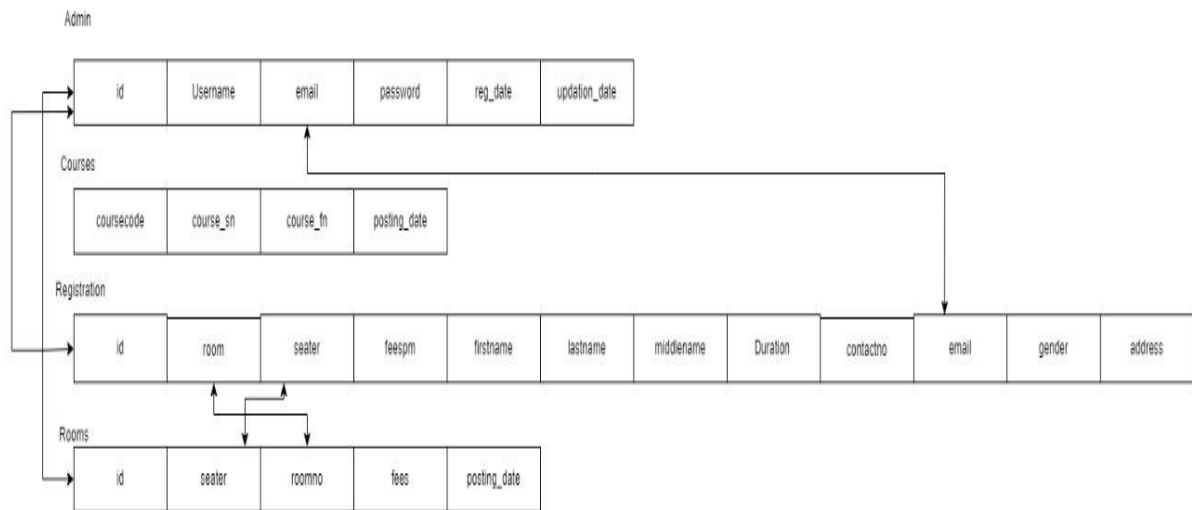
1.2 Objectives

"Student Hostel Management System" is software developed for managing various activities in the hostel. For the past few years the number of educational institutions is increasing rapidly. Thereby the number of hostels is also increasing for the accommodation of the students studying in the institutions. And hence there is a lot of strain on the person who are running the hostel and this particular project deals with the problems on managing a hostel and avoids the problems which occur when carried manually.

2.SYSTEM DESIGN

2.1 ER Diagram

2.2 Schema Diagram

Admin

id	Username	email	password	reg_date	updation_date

Courses

coursecode	course_sn	course_fn	posting_date

Registration

id	room	seater	feespm	firstname	lastname	middlename	Duration	contactno	email	gender	address

Rooms

id	seater	roomno	fees	posting_date

3. REQUIREMENTS

System Requirements:

Software Requirement:

The software requirements for the development of this project is: –

Operating System: Windows 10 (and higher version)

Front End: HTML,CSS

Programming Language: Java

Data Base Environment: MySQL and PhpMyAdmin

Server: APACHE 3.2

Hardware Requirements:

The hardware required for the development of this project is:

Processor: Intel Core i5

Processor speed:1.7 GHz

Ram :1GB RAM

System Type:64-Bit Operating System

4. TABLES

Filters

Containing the word: [   ]

	Table ▲	Action							Rows ❓	Type	Collation	Size	Overhead
☐	**admin**	⭐	🔲 Browse	🔧 Structure	🔍 Search	➕ Insert	🗑 Empty	⊘ Drop	1	InnoDB	latin1_swedish_ci	16.0 KiB	-
☐	**adminlog**	⭐	🔲 Browse	🔧 Structure	🔍 Search	➕ Insert	🗑 Empty	⊘ Drop	0	InnoDB	latin1_swedish_ci	16.0 KiB	-
☐	**courses**	⭐	🔲 Browse	🔧 Structure	🔍 Search	➕ Insert	🗑 Empty	⊘ Drop	7	InnoDB	latin1_swedish_ci	16.0 KiB	-
☐	**registration**	⭐	🔲 Browse	🔧 Structure	🔍 Search	➕ Insert	🗑 Empty	⊘ Drop	4	InnoDB	latin1_swedish_ci	16.0 KiB	-
☐	**rooms**	⭐	🔲 Browse	🔧 Structure	🔍 Search	➕ Insert	🗑 Empty	⊘ Drop	5	InnoDB	latin1_swedish_ci	16.0 KiB	-
☐	**states**	⭐	🔲 Browse	🔧 Structure	🔍 Search	➕ Insert	🗑 Empty	⊘ Drop	36	MyISAM	latin1_swedish_ci	2.8 KiB	-
☐	**userlog**	⭐	🔲 Browse	🔧 Structure	🔍 Search	➕ Insert	🗑 Empty	⊘ Drop	5	InnoDB	latin1_swedish_ci	16.0 KiB	-
☐	**userregistration**	⭐	🔲 Browse	🔧 Structure	🔍 Search	➕ Insert	🗑 Empty	⊘ Drop	3	InnoDB	latin1_swedish_ci	16.0 KiB	-
	8 tables	**Sum**							61	InnoDB	utf8mb4_general_ci	114.8 KiB	0 B

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5. DATABASE DESCRIPTION

5.1 Admin :

5.2 Courses :

5.3 Registration :

5.4 User Registration :

	id	regNo	firstName	middleName	lastName	gender	contactNo	email	password	regDate	updationDate	passUdate
☐ Edit 🖺 Copy ⊘ Delete	10	1	SUPRIYA	B	B	female	8467067344	supriyb@gmail.com	supriya@5432	2024-03-01 09:51:33	01-03-2024 11:04:15	01-03-2024 05:16:49
☐ Edit 🖺 Copy ⊘ Delete	21	2	RADHA	K	H	female	7204440060	radhahosamani123@gmail.com	radha@123	2024-03-01 23:01:55	01-03-2024 11:04:15	01-03-2024 05:16:49
☐ Edit 🖺 Copy ⊘ Delete	22	3	SONIKA	V	U	female	1234567891	sonika@gmail.com	sonika123	2024-03-01 23:03:46	01-03-2024 11:04:15	01-03-2024 05:16:49
☐ Edit 🖺 Copy ⊘ Delete	23	4	SONALI	C	B	female	7204440060	sonali123@gmail.com	7204440060	2024-03-01 08:22:54	01-03-2024 11:04:15	01-03-2024 05:16:49

☐ Check all   With selected: ✏ Edit   🖺 Copy   ⊘ Delete   ⧉ Export

■ Console

5.5 Rooms :

	id	seater	room_no	fees	posting_date
☐ Edit 🖺 Copy ⊘ Delete	1	5	100	8000	2024-03-01 04:15:43
☐ Edit 🖺 Copy ⊘ Delete	2	2	201	6000	2024-03-01 07:00:47
☐ Edit 🖺 Copy ⊘ Delete	3	2	200	6000	2024-03-01 07:00:58
☐ Edit 🖺 Copy ⊘ Delete	4	3	112	4000	2024-03-01 07:01:07
☐ Edit 🖺 Copy ⊘ Delete	5	5	132	2000	2024-03-01 07:01:15
☐ Edit 🖺 Copy ⊘ Delete	6	3	218	5000	2024-03-02 07:32:41

☐ Check all   With selected: ✏ Edit   🖺 Copy   ⊘ Delete   ⧉ Export
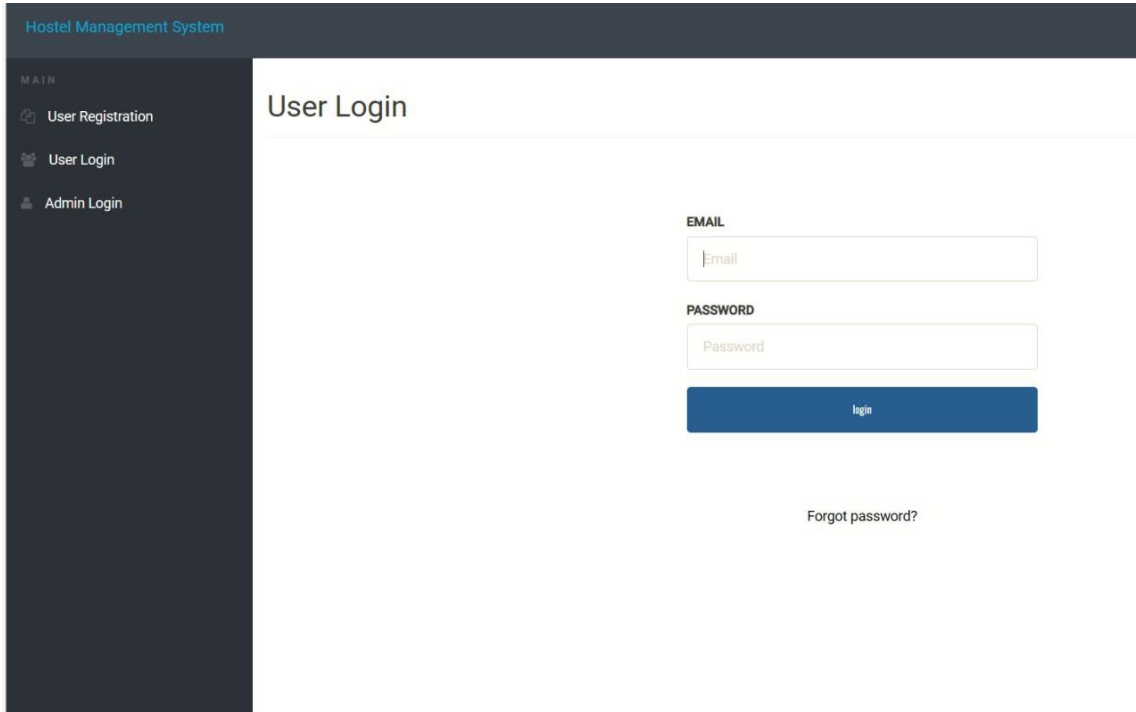
5.6 States :

	id	State
☐ Edit 🖺 Copy ⊘ Delete	1	Andaman and Nicobar Island (UT)
☐ Edit 🖺 Copy ⊘ Delete	2	Andhra Pradesh
☐ Edit 🖺 Copy ⊘ Delete	3	Arunachal Pradesh
☐ Edit 🖺 Copy ⊘ Delete	4	Assam
☐ Edit 🖺 Copy ⊘ Delete	5	Bihar
☐ Edit 🖺 Copy ⊘ Delete	6	Chandigarh (UT)
☐ Edit 🖺 Copy ⊘ Delete	7	Chhattisgarh
☐ Edit 🖺 Copy ⊘ Delete	8	Dadra and Nagar Haveli (UT)
☐ Edit 🖺 Copy ⊘ Delete	9	Daman and Diu (UT)
☐ Edit 🖺 Copy ⊘ Delete	10	Delhi (NCT)
☐ Edit 🖺 Copy ⊘ Delete	11	Goa
☐ Edit 🖺 Copy ⊘ Delete	12	Gujarat
☐ Edit 🖺 Copy ⊘ Delete	13	Haryana
☐ Edit 🖺 Copy ⊘ Delete	14	Himachal Pradesh
☐ Edit 🖺 Copy ⊘ Delete	15	Jammu and Kashmir
☐ Edit 🖺 Copy ⊘ Delete	16	Jharkhand
☐ Edit 🖺 Copy ⊘ Delete	17	Karnataka
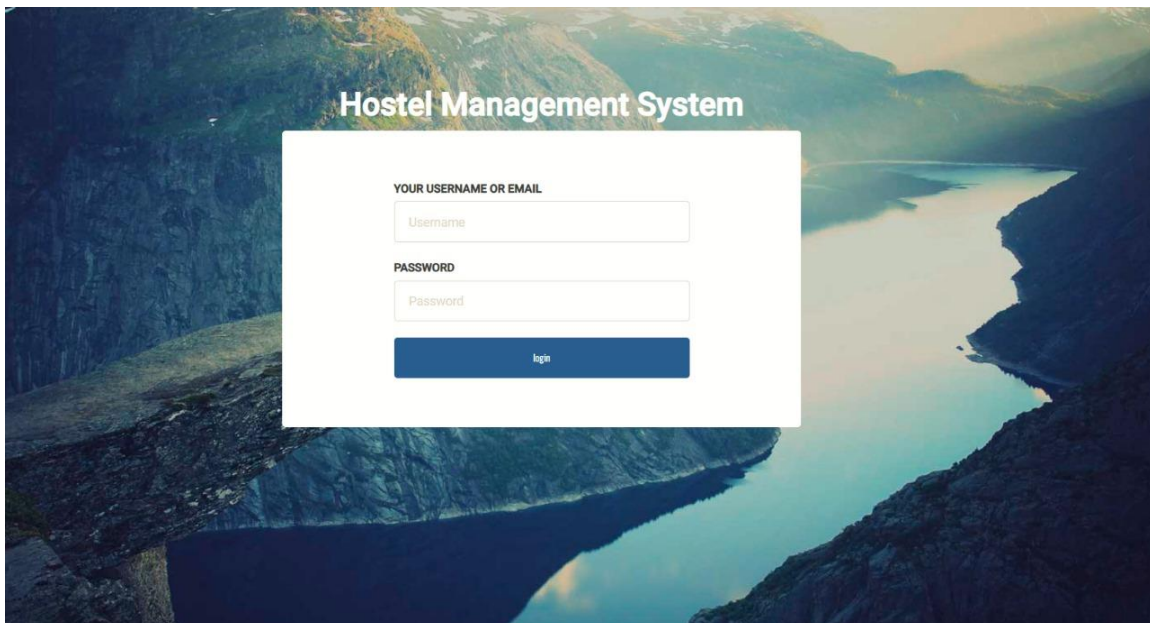
7.SNAPSHOTS

7.1 User Login :

7.2 Admin Login :

8. CONCLUSION

The development of the hostel management system is a user friendly system to indents to automate the hostel from manual system. It's a computer based system that will manage all the operations of the hostel. The project development using PHP and JavaScript is based on the requirement specification of the user and the analysis of the existing system, with flexibility for future enhancement .The expanded functionality of today's software requires an appropriate approach towards software development. This hostel management software is designed for people who want to manage various activities in the hostel for the past few years the numbers of educational institutions are increasing rapidly. Thereby the numbers of hostels are also increasing for the accommodation of the students studying in this institution. And hence there is a lot of strain on the person who are running the hostel