HOSTEL MANAGEMENT SYSTEM

ABSTRACT

“ONLINE HOSTEL MANAGEMENT SYSTEM” is a web environment developed for managing various activities in the hostel. Hostel Management System is an application software which aims at the computerization of hostel management letting the complete process of allotment and its management be dependent on computer.

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1.ABSTRACT

"**ONLINE HOSTEL MANAGEMENT SYSTEM**" is a web environment developed for managing various activities in the hostel. Hostel Management System is an application software which aims at the computerization of hostel management letting the complete process of allotment and its management be dependent on computer. password . Only the admins can view the upload applications. And can see the order of the applicants who has registered. Admin can see the reviews of users. Admin can add the updates and notification in the website . where the users can see . There are two modules in this project and they are :-

MODULES

1. Admin
2. User

Only the admin can approve the user's registration . Users can post their feedbacks on the review page of the website. In the website the users can update their profiles in any time. After the registration users can login to the page . The website is developing with Java Script as front and My SQL as back end.

2.INTRODUCTION

ABOUT THE PROJECT

Hostel Management System is a web application developed using PHP and MYSQL. Hostel Management System is a web application and its main aim is to computerize the process of allocating hostel rooms. Hostel Management System is an application software which aims at the computerization of hostel management letting the complete process of allotment and its management be dependent on computer.

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 this institution. And hence there is a lot of strain on the person who are running the private hostel and software's are not usually used in this context. So, this program is developed to easily manage such complex functions using a computer which then becomes more time-efficient and flexible.

Without computers, everything goes on registers causing a lot of paper work with very less efficiency, which is where this software can dramatically improve the overall management.
This particular project deals with the problems on managing a hostel and avoids the problems which occur when carried manually. Identification of the drawbacks of the existing system leads to the designing of computerized system that will be compatible to the existing system with the system which is more user friendly and more GUI oriented.

3.ORGANISATION PROFILE

Nyeste Venture Technologies is a cutting-edge IT firm, delivering comprehensive and tailor-made software solutions to their clients. They also provide job/project-oriented training that utilizes the latest and most advanced programs in the industry. Since their inception in 2010, they have been at the forefront of software training, web and mobile application development. Their highly qualified employees undergo continuous training to keep pace with the changing technologies and trends. With a team of seasoned and multi-faceted professionals at the helm. NVT is a leader in offering a range of creative and customer focused solutions. At NVT, their mission is to provide a hand on and growth focused approach to software development and training. They are dedicated, professional and experienced web experts who undergo regular trainings to keep their people updated with changing web-technologies and trends. They have well organized approach to get maximum productivity. Together we get lowered costs, professionals working for us, quick turnaround time and no mental hassle of managing and administering in-house division. As our partner, they provided a state-of-the-art yet affordable IT services.

4.FEASIBILITY STUDY

One of the important outcomes of the preliminary investigation is the determination of the feasibility of the system. These are different aspects of the feasibility study in the investigation phase. Every project is feasible provided when given unlimited resources and infinite time. Unfortunately, the development of a computer-based system is more likely to be plagued by resource scarcity and stringent schedules. It is both necessary and prudent to evaluate the feasibility of a project at earliest possible time.

Feasibility study is test of system proposal according to its work ability, impact on the organization, ability to meet user need and effective use of resource. There are several types of feasibility. They include:

- **Economic feasibility**
- **Technical feasibility**
- **Operational feasibility**
- **Behavioral feasibility**
- **Functional feasibility**
- **Social feasibility**

Economic Feasibility

In our system a low-cost procedure is taken for having an excellent outcome. The project is economically feasible as it only requires Android mobile phone and internet. Any number of devices can be connected to the mobile phone because it is using Wi-Fi connection. The

application is free to download once released into Android market. The user should be able to connect to internet and this would be the only cost.

Technical Feasibility

The hardware and software requirements of the proposed system is already available in the market without any difficult. The selection of hardware and software tools for the system is an important aspect in the system development. Our project provides a great support as from the technical aspect also. The user of this app can easily process this app without any external help. They only need to install this app on their mobile device. The pictorial representation of each module is very clear and through that symbol we can identify their workings easily. We can control any number of devices through a single mobile phone.

Operational Feasibility

In our system, there is no barrier for implementing the system and it offers greater level of user friendliness. The single user has the benefit from the app and hence the proposed system is operationally feasible. Hence the system is totally a feasible one. The user need not want any extra catalogue for knowing about the working of this application. The user can easily make use of the features of our application which is better than the existing apps.

Behavioural Feasibility

In the existing system there use wired connection or USB connection and man power is required and time factor is more. In the proposed system, both man power and time factors are reduced and also unnecessary burden is reduced.

Functional feasibility

Here we should examine the functions of the system which may work properly when it will be implemented. The proposed system does not involve complex protocols. It has a simple working style. A basic knowledge of computers is that is required. Hence the proposed system is functionally feasibility.

Social feasibility

Regarding social feasibility, the systems will energize the functioning of the Transpiration Sector. Using this system, the organization will improve work efficiency, which enables the Transportations sector admin to involve more in the progress of indenting and generation of periodic reports.

5.SYSTEM ANALYSIS

5.1 INTRODUCTION TO SYSTEM ANALYSIS

System analysis involves a detailed study of current system, leading to specification of a new system. Analysis is a detailed study of various operations performed by a system and their relationships within and outside the system. The study of system concept thus, has their basic implementations:

- A system must be designed to achieve a predetermined objective.
- Inter-relationship and interdependence must exist among components.
- Inter-relationship and interdependence must exist among components.

System analysis implies the reduction of an entire system while studying the various operations performed and their relationship within and outside the system. One aspect of analysis is defining the boundaries of the system and determining whether or not a

candidate system would consider other related systems. During analysis, data are collected on the available files, decision points and transactions handled by the present system.

The three steps in system analysis are problem definition, existing system and proposed system. After defining the problem, the existing system is studied to decide on what modifications are required to implement the solutions to the problem. Then process of developing the proposed system begins keeping in mind the modifications to be done.

Hardware Requirements Specification

- **Processor :** Intel Pentium III or later
- Main Memory(RAM) : 512 MB
- **Cache Memory :** 512 KB
- **Monitor :** 1024 * 768 Resolution Colour Monitor
- **Keyboard :** 108 Keys
- **Mouse :** Optical Mouse
- **Hard Disk** : 40 GB

Software Requirements Specification

- **Front End/Language :** PHP
- **Back End/Database :** MYSQL
- **Additional Tools :** WAMP Server
- **Operating System :** Windows 7, 8, 8.1, 10, XP
- **Browser :** Any

PHP

The term PHP stands for “Hypertext Preprocessor” is a server-side, HTML embedded scripting language used to create dynamic web pages. It is a widely used general – purpose

scripting language that was originally designed for web development to produce dynamic web pages .For this purpose, PHP code is embedded into language, The HTML source document and Interpreted by a web server with a PHP processor module, which generates the web page document. As a general purpose language, PHP code is processed by an Interpreter application in command-line mode performing desired operating system operations and producing program output on its standard output channel. It may also function as a graphical applications. PHP is available as a processor for most modern web servers and as standalone Interpreter on most operating system and computing platforms.

MY SQL

MySQL is a Relational Database Management System (RDBMS) which has more than 11 million installations. The program runs as a server providing multi-user access to a number of databases. MySQL is owned and is sponsored by a single for-profit firm, Swedish company MySQL AB, now a subsidiary of Sun Microsystems, which holds the copyright to most of the code base. The project's source code is available under terms of the GNU general public license, as well as under a variety of proprietary agreements. Libraries for accessing MySQL databases are available in all major programming languages with language-specific API

JAVA SCRIPT

JavaScript is a dynamic computer programming language. It is most commonly used as part of Web browsers, whose implementations allow client-side scripts to Interact with the user, control the browser, communicate asynchronously, and alter the document content that is displayed. It is also used in server-side network programming with runtime environments such as Node.js, game development and the creation of desktop and mobile applications. With the rise of the single-page Web app and JavaScript-heavy sites, it is increasingly being used as a compile target for source from both dynamic languages and static languages.

In particular, Description and highly optimized JIT compilers, in tandem withasm.js that is friendly to AOT compilers like Odin Monkey, have enabled C and C++ programs to be compiled Into JavaScript and execute at near-native speeds, making JavaScript be considered the assembly language of the Web ,according to its creator and others.

JavaScript is classified as a prototype-based scripting language with dynamic typing and first-class functions. This mix of features makes it a paradigm language, supporting object-oriented, imperative, and functional programming styles.

Despite some naming, syntactic, and standard library similarities, JavaScript and Java are otherwise unrelated and have very different semantics.

JavaScript is also used in environments that aren't Web-based, such as PDFdocuments, site-specific browsers, and desktop widgets. Newer and faster JavaScript virtual machines (VMs) and platforms built upon them have also increased the popularity of JavaScript for server-side Web applications. On the client side, JavaScript has been traditionally implemented as an Interpreted language, but more recent browsers perform just-in-time compilation.

JavaScript has been standardized in the ECMA Script language specification.

6. SYSTEM DESIGN

6.1 Input Design

Input designing is the basic theory to be considered during system study. The input media used in the system is the keyboard. Details are entered in the system through different data entry screens. The “Hostel Management” system is designed in a user-friendly manner. Appropriate error messages are displayed when a false data is entered to the system. Design of the system is web-oriented and is highly interactive to the users. The user interface design is very important for any application. The interface design defines how the software communicates within itself, to system that interpreted with it and with human who use it. The interface design is very good; the user will fall into an interactive software application.

The input design is the process of converting the user-oriented description of inputs into a programmer-oriented specification. The objective of input design is to create an input layout that is easy to follow and prevents the user from committing errors. It covers all phases of input, right from the creation of initial databases to the actual data entry into the system. The input design is the link that ties the system into the world of its users. Hence, lays its importance in the design phase. The input design makes sure that while entering data, the end-users

understand the format in which the data is to be entered so that it is accepted by the system, the data values that are mandatory for the system to function, the order in which transactions need to be processed etc.

The goal designing input data is to make the automation as easy and free from errors as possible. For providing a good input design for the application easy data input and selection feature and adopted. The input design requirements such as user friendliness, consistent format and interactive dialogue for giving the right message and help for the user at right time are also considered for the development of this project. Input design, involves determining the record media, method of input, speed of capture and entry to the system.

The main objectives that are guiding as in the input stages are

- ✔ Controlling the amount of inputs
- ✔ Avoiding inordinate delay
- ✔ Controlling errors
- ✔ Avoiding extra steps
- ✔ Keeping the process simple
- ✔ To achieve highest level accuracy.

The analyst should consider the following points when designing the input

1. Nature of the input processing
2. Flexibility and thoroughness validation rules
3. Handling of priorities with the input procedures
4. Use of composite input documents to reduce the number of different ones
5. Relation with the other system and files
6. Convenient and understandable error messages

An inputs form contains:

- Login form
- User Registration form

6.2 Output Design

Computer output is the most important one to the user. A major form of the output is the display of the information gathered by the system and the servicing the user requests to the system. Output generally refers to the results or information that is generated by the system. It can be in the form of operational documents and reports. Since some of the users of the system may not operate the system, but merely use the output from the system to aid them in decision-making, much importance is given to the output design. Output generation hence serves two main purposes, providing proper communication of information to the users and providing data in a form suited for permanent storage to be used later on. The output design phase consists of two stages, output definition and output specification. Output definition takes into account the type of outputs, its contents, formats, its frequency and its volume. The output specification describes each type of output in detail.

The objective of the output design to covey the information of all the past activities, current status and emphasize important a quality output is one, which meets the requirements of the end user and presents the information clearly. The output is designed in such a way that it may acquire the user's full satisfaction. The objective of output design is to define the contents and formats of all documents and reports in an attractive yet concise and efficient manner, which can be used for communicative purposes among users. The output devices used are the printer and the video display unit. So the output can be hard copies or display screens. The output devices used are a monochrome visual display screen, for displaying information and a character printer for the hard copy outputs.

In any system results of processing are communicated to the user and to other systems through outputs. The output generally refers to the results and information that is generated from the system. Outputs from the computers are required primarily to communicate the results of processing to users.

Objectives

- Design output to serve the intended purpose
- Deliver the appropriate quantity of output
- Assure the output where it is needed
- Design output to fit the user
- Provide out on time

An output screen contains:

- User Dashboard
- User Profile
- Room Details

6.3 DATA FLOW DIAGRAM

A Data Flow Diagram is a network that describes the flow of data and processes that change, or transform data throughout the system. This network is constructed by using a set of symbols that do not imply a physical implementation. It is a graphical tool for structured analysis of the -system requirement. DFD models a system by using external entities from which data flow to a process, which transforms the data and creates output data-flows which go to other processes or external entities or files. Data in files may also flow to processes as inputs.

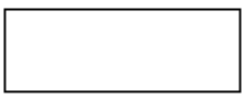
The basic elements of DFD are:

- Bubbles : Used to represent functions.
- Arrows : Used to represent data flow.
- Rectangle : Used to represent external entities.
- Option box: Used to represent data store.

Components of Data Flow Diagram

There are only four symbols that are used in the drawing of data flow diagrams.

- Entities

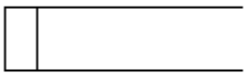


External entities represent the sources of data that enter the system or the recipients of data that leave the system. They are shown as larger rectangles with a name and a numeric identifier consisting of a single lower-case letter.

- Process

Processes represent activities in which data is manipulated by being stores or retrieved or transformed in some way. They are shown as ellipses with a name and unique numeric identifier.

- Data Stores

Data  stores represent stores of data within the system. It is represented by an open-ended narrow rectangle.

- Data Flow

A data flow shows the flow of information from its source to its destination. A line represents a data flow, with arrowheads showing the direction of flow

LEVEL 0: CONTEXT DIAGRAM

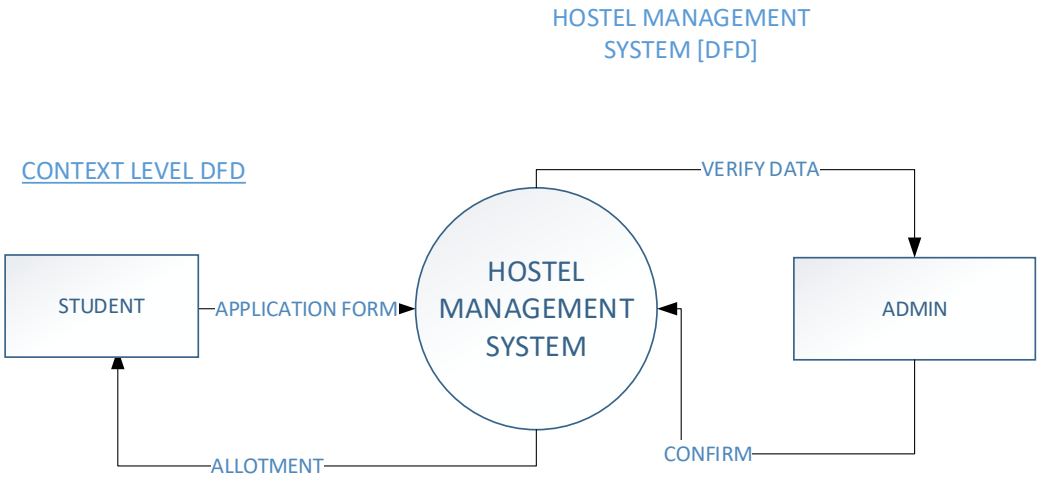


Fig 1:Hostel Management System

LEVEL 1

LEVEL 1 DFD

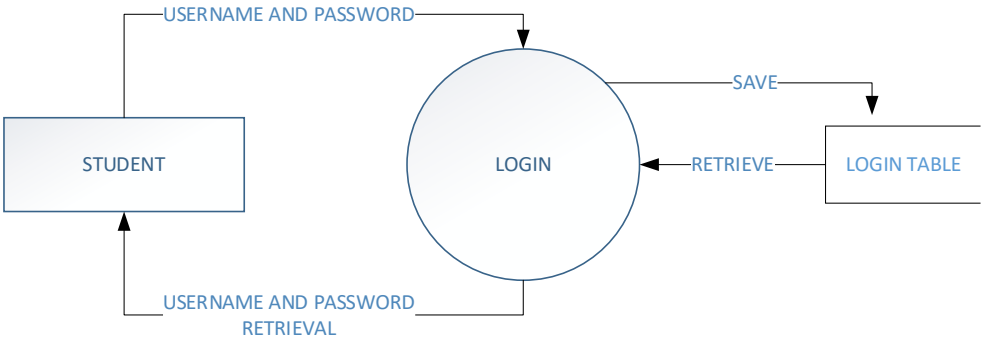


Fig 2: Student Module

LEVEL 2

LEVEL 1.1 DFD

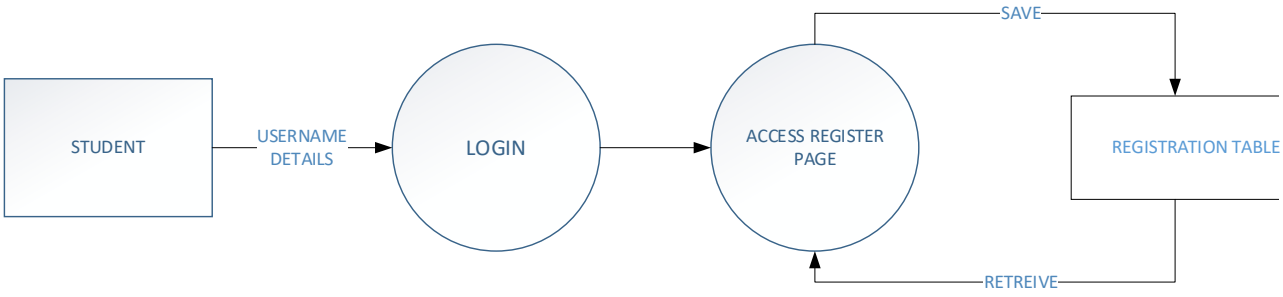


Fig 3: Registration Process

LEVEL 3

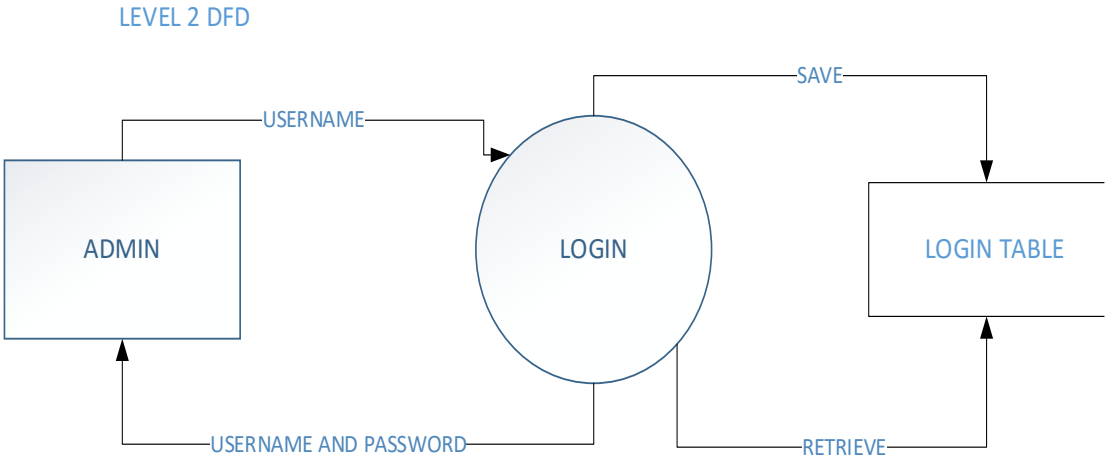


FIG 4: ADMIN MODULE

LEVEL 4

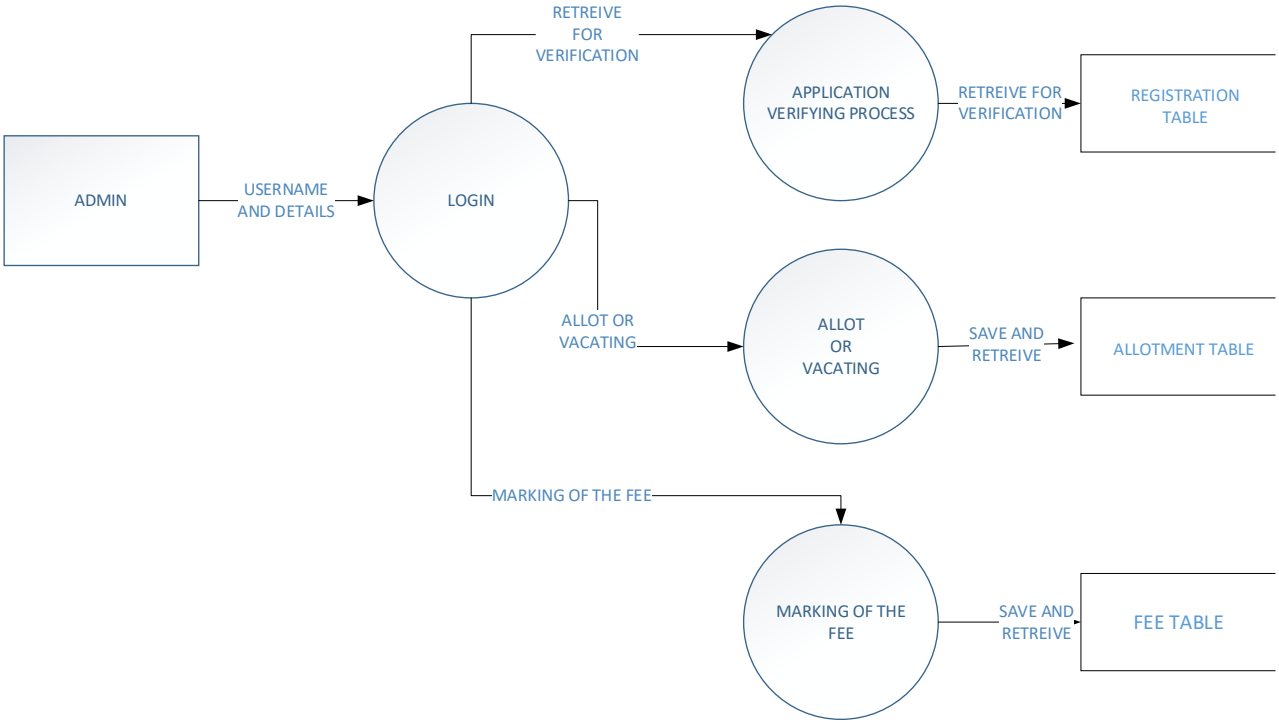
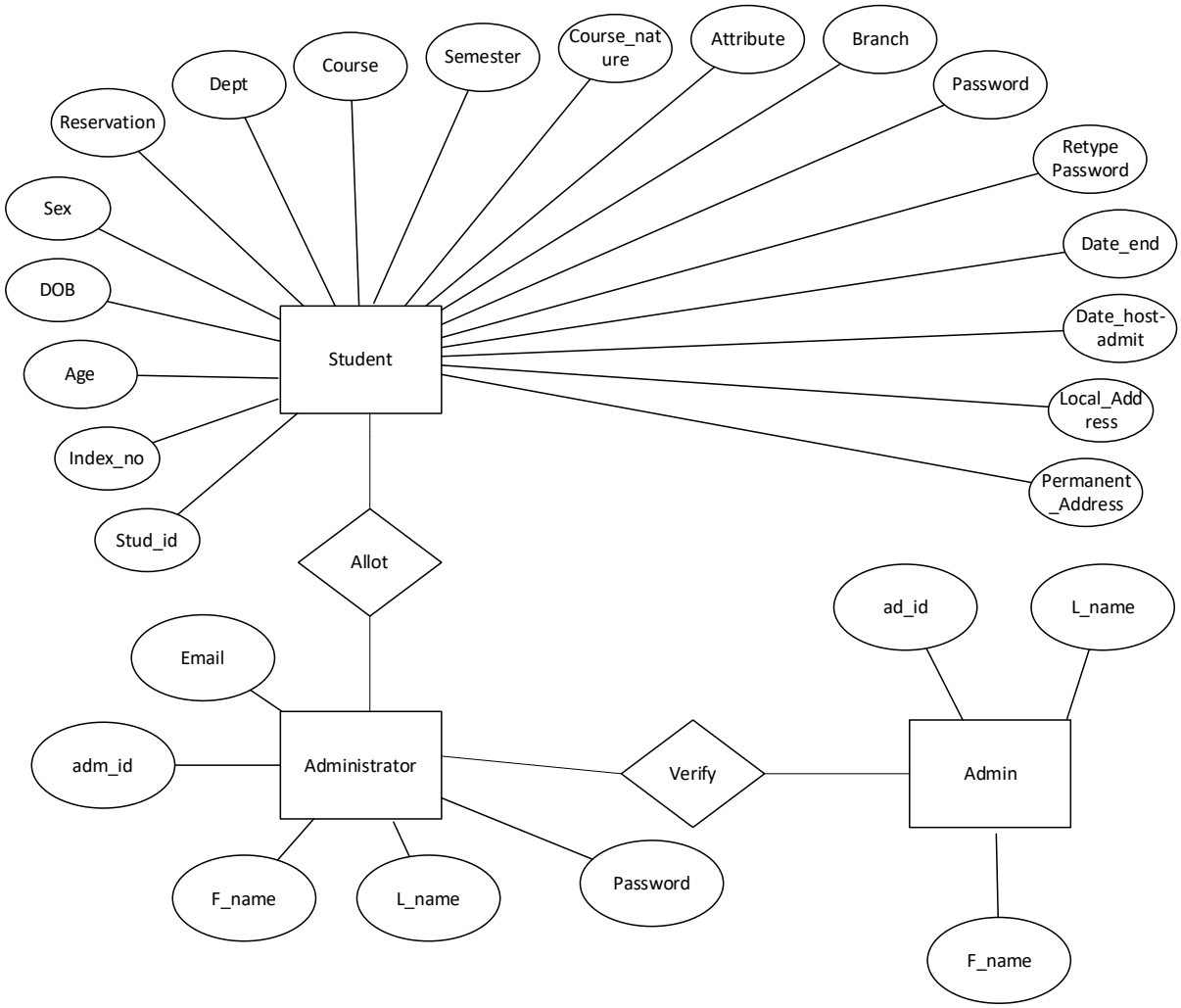


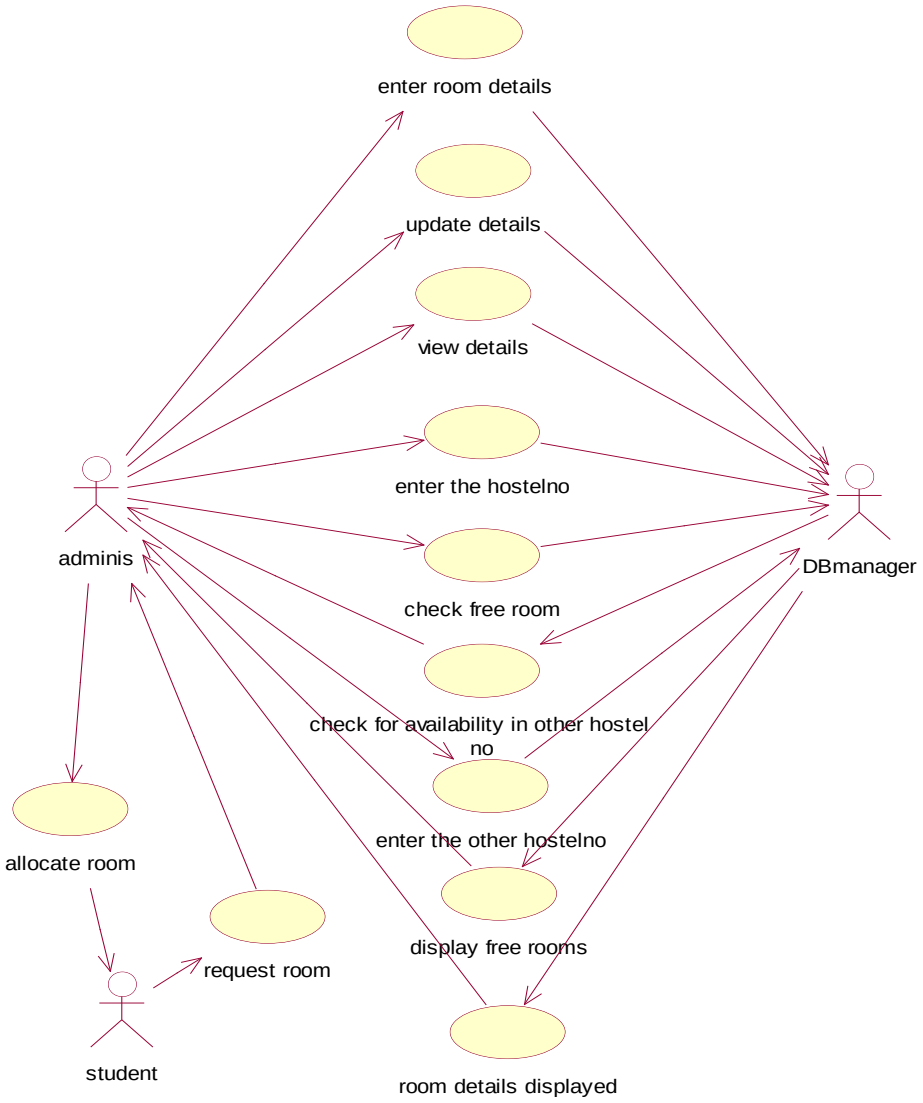
FIG 5: VERIFYING AND ALLOTING PROCESS

6.4 ENTITY-RELATIONSHIP DIAGRAM



6.5 Use case diagram

Use case diagram is a diagram that shows the interaction between user and system to capture the user's goals.



6.6 DATABASE DESIGN

A database is a collection of Inter-related data stored with minimum redundancy, provides better data Integrity and security and also to use many users quickly and efficiently. The general objective of database design is to make the data access easy, inexpensive and flexible to the user. Database design is recognized as a standard of management information system which is virtually available for every computer system. The general theme behind a database is to integrate all the information. A database is the integrated collection of data and provides centralized access to data. Usually the centralized data managing software use relational database concepts and hence called RDBMS.

Design Considerations

The system is analyzed to the requirements and possible tables and fields are determined.

Identifying key

Once we have drawn upon the list of possible tables and fields, the next step in the logic database is to identify primary key and foreign key of the table.

Primary key

The primary key (PK) of a relational table uniquely identifies each record in the table, it can either normal attribute that is guaranteed to be unique or it can be generated by the DBMS. Primary keys may consist of a single attribute or multiple attributes in combination.

Foreign key

A foreign key (FK) is a key comprised of a field or multiple fields that to the primary key of another table. The concept of maintaining foreign keys is known as “referential Integrity”.

The following tables are used in this system:

Design Considerations

The system is analyzed to the requirements and possible tables and fields are determined.

Admin Registration

Field name	Data type	Size	Constraints	Description
id	Int	11	Primary key	Admin id
username	Varchar	255	Not_Null	Username of the admin
email	varchar	255	Not Null	Email of the admin
password	Varchar	300	Not Null	Password of the admin
reg_date	timestamp		Current_timestamp	Registration date of the admin
updation_date	date		Not Null	Last updation date of the admin

Admin log

Field name	Data type	Size	Constraints	Description
id	Int	11	Primary key	Id of of the log
adminid	Int	11	Not Null	Id of the admin
ip	Varbinary	16	Not Null	IP of the admin
logintime	timestamp		Current_timestamp	Logintime of the admin

Courses

Field name	Data type	Size	Constraints	Description
id	Int	11	Primary Key	Id of the course
course_code	Varchar	255	Not Null	Name of the course
course_sn	Varchar	255	Not Null	Short name of the course

course_fn	Varchar	255	Not Null	Full name of the course
posting_date	Timestamp		Current_timestamp	Course created time

User Registration

Field name	Data type	Size	Constraints	Description
id	Int	11	Primary key	Registration id
roomno	int	11	Not Null	Number of the room
seater	int	11	Not Null	Available capacity of the room
feespm	int	11	Not Null	Fee of the room
foodstatus	int	11	Not Null	Amount of the food
stayfrom	date		Not Null	Starting date
duration	int	11	Not Null	Duration of the stay
Course	Varchar	500	Not Null	Course of the student
regno	int	11	Not Null	Reg number of the student
firstName	Varchar	500	Not Null	First name of the student
middleName	Varchar	500	Not Null	middle name of the student
lastName	Varchar	500	Not Null	Last name of the student

gender	Varchar	250	Not Null	gender of the student
contactno	bigint	11	Not Null	Contact number of the student
emailid	Varchar	500	Not Null	Email id of the student
egycontacto	bigint	11	Not Null	Contat number of the parent
guardianName	Varchar	500	Not Null	name of the guardian
guardianRelation	Varchar	500	Not Null	Relation between student and guardian
guardianContactno	bigint	11	Not Null	Contact number of guardian
corressAddress	Varchar	500	Not Null	Current Address
corresCity	Varchar	500	Not Null	Current city
corresState	Varchar	500	Not Null	Current state
corresPin	int	11	Not Null	Current pincode
pmntAddress	Varchar	500	Not Null	Permanent Address
pmntCity	Varchar	500	Not Null	Permanent city
pmntState	Varchar	500	Not Null	Permanent state
pmntPin	int	11	Not Null	Permanent pincode
postingDate	date		Not Null	Date of Posting
updationDate	varchar	500	Not Null	Date of last Updation

Rooms

Field name	Data type	Size	Constraints	Description
id	int	11	Primary key	Id of the room
seater	int	11	Not Null	Seating capacity of room
room_no	int	11	Not Null	Number of the room
fees	int	11	Not Null	Fee of the room
posting_date	timestamp		Current_timestamp	Posting date of the room

. SYSTEM TESTING

System testing is an expensive but critical process that can take as much as 50% of budget for program development, the common view of testing holds by users that is performed to prove that there is no error in the program. However, this is virtually impossible since analysis cannot prove that software is free and clear to errors. Testing is the process of executing a program with explicit Intension of finding errors.

Input/Procedures	Expected Results	Actual Results	Pass/Fail
Check that the values passed between login and other modules are in appropriate format	Values are sent between them properly	Same as expected	Pass
Verify that the modules invocation sequence are appropriate	Modules are appropriately invoked	Same as expected	Pass
Check for navigability between modules	The flow should be appropriate	Same as expected	Pass

Testing provides the main objective of our project and understands the risk of implementation. Testing is a process of technical investigation, performed on behalf of stakeholder that is intended to reveal quantity related information about the product with respect to the context in which it is intended to operate. Testing is the process of executing a program or an application with Intent of finding an error or bugs.

7.1 Unit Testing

Our project has many modules. So, we did test from the starting phase itself. The main aim of test plan is to produce a correct code with all users' requirements satisfied. This is also known as module testing. In this testing we test each module of the ‘University’ is individually and integrated the overall system. The testing of the ‘University’ is carried out during programming stage itself. After this testing it was clear that each module is found to work satisfactory as regard to the expected output from the module. There are some validation checks for verifying the data input given by the user. In the University system it is very easy to find error and debug the system.

7.2 Integration Testing

Integration testing is a systematic test for constructing the program while conducting tests to uncover error related to Interfacing. The testing modules are combined into a subsystem; this testing is the verification of the Interfaces among system parts. Integration

testing ensured that the University is able to uncover errors with the Interface. For Integration testing sample data were used and the results were satisfactory. The Integration testing checks the overall system performs. The University is working efficiently and user friendly, no complexity is seen while the testing.

7.3 Functional Testing

This testing is concerned with whether the product has achieved the desired functionality. It is very important from customer's point of view, as they will be more interested in finding out whether the system satisfies the required functionality. Functional testing ensured that the University is able to cover all the desired functionality that is needed by the customer. So by performing this stage of testing we came toaconclusion that our project has all the functionalities.

7.4 Acceptances Testing

Acceptances test refers to the acceptances of data into the system for processing. On the time of performing acceptance testing we have entered both correct and incorrect form of data in order check the acceptance of the data by the product. From this we found that our project will go through the complete stage of processing only if we have given the correct data. Thus we understood that our system is efficient.

7.5 System Testing

System testing does not test the software as a whole, bit rather than Integration of each module in the system. The primary concern is the compatibility of individual modules. System testing ensured the compatibility of each module of our system. Here we find the areas where modules have been designed with different specifications of data lengths type and data element name. Finally, we found that there is no error in the implemented system.

7.6 Validation testing

Testing and validation are most important steps after implementation of the development system. We performed the system testing in order to ensure that there are no errors in the implemented system. The software has been executed several times in order to find out the errors in the different modules of the system.

This is final step-in testing. In this, we tested the entire system as a whole with all forms, codes, modules and class modules. This form of testing is popularly known as Black Box Testing or System Testing.

8. IMPLEMENTATION

Implementation is the process of having the system personnel check out and put new equipment to use, train the users to use the new system and construct any file that are needed to see it. The final and impartment phases in the system life cycle are the implementation of the new system. System implementation refers to the steps necessary to install a new system to put into operation. The implementation has different meaning, ranging from the conversion of a basic application to complete replacement of computer system. Implementation includes all these activities that take place to convert from old system to new one. The new system may be totally new replacing an existing manual or automated system or it may be major modification to an existing system. The methods of implementation and time scale adopted are found out initially. The system is tested properly and at the same time the users are trained in the new procedure. Proper implementation is essential to provide a reliable system to meet organization requirements. Successful implementations may not guarantee improvement in the organization using the new system, but it will prevent improper installation. The implementation involves the following things:

- Careful planning
- Investigation of the system and constraint

Design the methods to achieve the change over

- Train the staff in the changed phase

Evaluation of change over method, there are several methods for handling the implementation and consequent conversation from the old to new automated system.

9. SYSTEM MAINTENANCE

Maintenances involves the software industry captive, typing up system resources, it means restoring something into its original condition. Maintenance follows conversion to maintain satisfactory enhancement or correction to problems that surface in the system operation. Maintenance is also done based on fixing the problem reported, changing the Interfaces with other software or hardware enhancing the software.

Any system developed should be secured and protected against possible hazards. Security measures are providing to prevent unauthorized access of the database at various levels and uninterrupted power supply should be provided so that the power failure or voltage fluctuations will not erase the data in the files.

Password protection and simple procedures to prevent unauthorized access are provided to the user. The system allows the users to enter the system only through proper user-name and password.

So in the case of Fezter, the system maintenance will be an easy one since everything in the system is properly validated and authentication is checked.

10. Appendix-A-System Coding

- **login.php**

```
<?php
session_start();
include('includes/config.php');
if(isset($_POST['login']))
{
$email=$_POST['email'];
$password=$_POST['password'];
$stmt=$mysqli->prepare("SELECT email,password,id FROM userregistration WHERE email=? and password=? ");
                                $stmt->bind_param('ss',$email,$password);
```

```
                        $stmt->execute();
                        $stmt -> bind_result($email,$password,$id);
                        $rs=$stmt->fetch();
                        $stmt->close();
                        $_SESSION['id']=$id;
                        $_SESSION['login']=$email;
                        $uip=$_SERVER['REMOTE_ADDR'];
                        $ldate=date('d/m/Y h:i:s', time());
                        if($rs)
                        {
        $uid=$_SESSION['id'];
        $uemail=$_SESSION['login'];
$ip=$_SERVER['REMOTE_ADDR'];
$geopluginURL='http://www.geoplugin.net/php.gp?ip='.$ip;
$addrDetailsArr = unserialize(file_get_contents($geopluginURL));
$city = $addrDetailsArr['geoplugin_city'];
$country = $addrDetailsArr['geoplugin_countryName'];
$log="insert into userLog(userId,userEmail,userIp,city,country)
values('$uid','$uemail','$ip','$city','$country')";
$mysqli->query($log);
if($log)
{
header("location:dashboard.php");
                        }
}
                        else
                        {
                                echo "<script>alert('Invalid Username/Email or
password');</script>";
                        }
                }
                        ?>
```

```
<!doctype html>
<html lang="en" class="no-js">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1, minimum-scale=1, maximum-scale=1">
    <meta name="description" content="">
    <meta name="author" content="">
    <meta name="theme-color" content="#3e454c">
    <title>Student Hostel Registration</title>
    <link rel="stylesheet" href="css/font-awesome.min.css">
    <link rel="stylesheet" href="css/bootstrap.min.css">
    <link rel="stylesheet" href="css/dataTables.bootstrap.min.css">>
    <link rel="stylesheet" href="css/bootstrap-social.css">
    <link rel="stylesheet" href="css/bootstrap-select.css">
    <link rel="stylesheet" href="css/fileinput.min.css">
    <link rel="stylesheet" href="css/awesome-bootstrap-checkbox.css">
    <link rel="stylesheet" href="css/style.css">
<script type="text/javascript" src="js/jquery-1.11.3-jquery.min.js"></script>
<script type="text/javascript" src="js/validation.min.js"></script>
<script type="text/javascript" src="http://code.jquery.com/jquery.min.js"></script>
<script type="text/javascript">
function valid()
{
if(document.registration.password.value!= document.registration.cpassword.value)
{
alert("Password and Re-Type Password Field do not match  !!");
document.registration.cpassword.focus();
```

```
return false;
}
return true;
}
</script>
</head>
<body>
    <?php include('includes/header.php');?>
    <div class="ts-main-content">
        <?php include('includes/sidebar.php');?>
        <div class="content-wrapper">
            <div class="container-fluid">

                <div class="row">
                    <div class="col-md-12">

                        <h2 class="page-title">User Login </h2>

                        <div class="row">
                    <div class="col-md-6 col-md-offset-3">
                        <div class="well row pt-2x pb-3x bk-light">
                            <div class="col-md-8 col-md-offset-2">

                                <form action="" class="mt" method="post">
                                    <label for="" class="text-uppercase text-sm">Email</label>
                                    <input type="text" placeholder="Email" name="email" class="form-control mb">
```

```
                                                    <label for=""
class="text-uppercase text-sm">Password</label>
                                                    <input
type="password" placeholder="Password" name="password" class="form-control
mb">


                                                    <input
type="submit" name="login" class="btn btn-primary btn-block" value="login" >
                                                        </form>
                                                </div>
                                            </div>
                                            <div class="text-center text-light">
                                                <a     href="forgot-password.php"
class="text-light">Forgot password?</a>
                                            </div>
                                        </div>
                                    </div>
                                        </div>
                                    </div>
                                </div>
                            </div>
                        </div>
    </div>
    <script src="js/jquery.min.js"></script>
    <script src="js/bootstrap-select.min.js"></script>
    <script src="js/bootstrap.min.js"></script>
    <script src="js/jquery.dataTables.min.js"></script>
    <script src="js/dataTables.bootstrap.min.js"></script>
    <script src="js/Chart.min.js"></script>
```

```
    <script src="js/fileinput.js"></script>
    <script src="js/chartData.js"></script>
    <script src="js/main.js"></script>
</body>

</html>
```

Registration.php

```
<?php
session_start();
include('includes/config.php');
if(isset($_POST['submit']))
{
$regno=$_POST['regno'];
$fname=$_POST['fname'];
$mname=$_POST['mname'];
$lname=$_POST['lname'];
$gender=$_POST['gender'];
$contactno=$_POST['contact'];
$emailid=$_POST['email'];
$password=$_POST['password'];
    $result ="SELECT count(*) FROM userRegistration WHERE email=? || regNo=?";
                $stmt = $mysqli->prepare($result);
                $stmt->bind_param('ss',$email,$regno);
                $stmt->execute();
$stmt->bind_result($count);
$stmt->fetch();
$stmt->close();
if($count>0)
{
```

```
echo"<script>alert('Registration number or email id already registered.');</script>";
}else{

$query="insert into userRegistration(regNo,firstName,middleName,lastName,gender,contactNo,email,password) values(?,?,?,?,?,?,?,?)";
$stmt = $mysqli->prepare($query);
$rc=$stmt->bind_param('sssssiss',$regno,$fname,$mname,$lname,$gender,$contactno,$emaiid,$password);
$stmt->execute();
echo"<script>alert('Student Succssfully register');</script>";
}
}
?>

<!doctype html>
<html lang="en" class="no-js">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1, minimum-scale=1, maximum-scale=1">
    <meta name="description" content="">
    <meta name="author" content="">
    <meta name="theme-color" content="#3e454c">
    <title>User Registration</title>
    <link rel="stylesheet" href="css/font-awesome.min.css">
    <link rel="stylesheet" href="css/bootstrap.min.css">
    <link rel="stylesheet" href="css/dataTables.bootstrap.min.css">>
    <link rel="stylesheet" href="css/bootstrap-social.css">
    <link rel="stylesheet" href="css/bootstrap-select.css">
```

```
    <link rel="stylesheet" href="css/fileinput.min.css">
    <link rel="stylesheet" href="css/awesome-bootstrap-checkbox.css">
    <link rel="stylesheet" href="css/style.css">
<script type="text/javascript" src="js/jquery-1.11.3-jquery.min.js"></script>
<script type="text/javascript" src="js/validation.min.js"></script>
<script                                                    type="text/javascript"
src="http://code.jquery.com/jquery.min.js"></script>
<script type="text/javascript">
function valid()
{
if(document.registration.password.value!=
document.registration.cpassword.value)
{
alert("Password and Re-Type Password Field do not match  !!");
document.registration.cpassword.focus();
return false;
}
return true;
}
</script>
</head>
<body>
    <?php include('includes/header.php');?>
    <div class="ts-main-content">
            <?php include('includes/sidebar.php');?>
            <div class="content-wrapper">
                    <div class="container-fluid">

                            <div class="row">
                                    <div class="col-md-12">
```

```
                                        <h2 class="page-title">Student
Registration </h2>

                                        <div class="row">
                                            <div class="col-md-12">
                                                <div class="panel panel-
primary">
                                                    <div class="panel-
heading">Fill all Info</div>
                                                    <div class="panel-
body">
                        <form method="post" action="" name="registration"
class="form-horizontal" onSubmit="return valid();">



<div class="form-group">
<label class="col-sm-2 control-label"> Registration No : </label>
<div class="col-sm-8">
<input type="text" name="regno" id="regno" class="form-control"
required="required" onBlur="checkRegnoAvailability()">
<span id="user-reg-availability" style="font-size:12px;"></span>
</div>
</div>


<div class="form-group">
<label class="col-sm-2 control-label">First Name : </label>
<div class="col-sm-8">
<input type="text" name="fname" id="fname" class="form-control"
required="required" >
</div>
```

```
</div>

<div class="form-group">
<label class="col-sm-2 control-label">Middle Name : </label>
<div class="col-sm-8">
<input type="text" name="mname" id="mname"  class="form-control">
</div>
</div>

<div class="form-group">
<label class="col-sm-2 control-label">Last Name : </label>
<div class="col-sm-8">
<input type="text" name="lname" id="lname" class="form-control"
required="required">
</div>
</div>

<div class="form-group">
<label class="col-sm-2 control-label">Gender : </label>
<div class="col-sm-8">
<select name="gender" class="form-control" required="required">
<option value="">Select Gender</option>
<option value="male">Male</option>
<option value="female">Female</option>
<option value="others">Others</option>
</select>
</div>
</div>

<div class="form-group">
<label class="col-sm-2 control-label">Contact No : </label>
<div class="col-sm-8">
```

```
<input type="text" name="contact" id="contact" class="form-control" required="required">
</div>
</div>


<div class="form-group">
<label class="col-sm-2 control-label">Email id: </label>
<div class="col-sm-8">
<input type="email" name="email" id="email" class="form-control" onBlur="checkAvailability()" required="required">
<span id="user-availability-status" style="font-size:12px;"></span>
</div>
</div>

<div class="form-group">
<label class="col-sm-2 control-label">Password: </label>
<div class="col-sm-8">
<input type="password" name="password" id="password" class="form-control" required="required">
</div>
</div>


<div class="form-group">
<label class="col-sm-2 control-label">Confirm Password : </label>
<div class="col-sm-8">
<input type="password" name="cpassword" id="cpassword" class="form-control" required="required">
</div>
</div>
```

```
<div class="col-sm-6 col-sm-offset-4">
<button class="btn btn-default" type="reset">Reset</button>
<input type="submit" name="submit" Value="Register" class="btn btn-primary">
</div>
</form>

                                                                    </div>
                                                                    </div>
                                                                </div>
                                                            </div>
                                                        </div>
                                                            </div>
                                                        </div>
                                                    </div>
                                                </div>
                                            </div>
                                        </div>
                                    </div>
    </div>
    <script src="js/jquery.min.js"></script>
    <script src="js/bootstrap-select.min.js"></script>
    <script src="js/bootstrap.min.js"></script>
    <script src="js/jquery.dataTables.min.js"></script>
    <script src="js/dataTables.bootstrap.min.js"></script>
    <script src="js/Chart.min.js"></script>
    <script src="js/fileinput.js"></script>
    <script src="js/chartData.js"></script>
    <script src="js/main.js"></script>
</body>
    <script>
```

```
function checkAvailability() {

$("#loaderIcon").show();
jQuery.ajax({
url: "check_availability.php",
data:'emailid='+$("#email").val(),
type: "POST",
success:function(data){
$("#user-availability-status").html(data);
$("#loaderIcon").hide();
},
error:function ()
{
event.preventDefault();
alert('error');
}
});
}
</script>
    <script>
function checkRegnoAvailability() {

$("#loaderIcon").show();
jQuery.ajax({
url: "check_availability.php",
data:'regno='+$("#regno").val(),
type: "POST",
success:function(data){
$("#user-reg-availability").html(data);
$("#loaderIcon").hide();
},
error:function ()
```

```
{
event.preventDefault();
alert('error');
}
});
}
</script>

</html>
```

MYprofile.php

```
<?php
session_start();
include('includes/config.php');
date_default_timezone_set('Asia/Kolkata');
include('includes/checklogin.php');
check_login();
$aid=$_SESSION['id'];
if(isset($_POST['update']))
{

$fname=$_POST['fname'];
$mname=$_POST['mname'];
$lname=$_POST['lname'];
$gender=$_POST['gender'];
$contactno=$_POST['contact'];
$udate = date('d-m-Y h:i:s', time());
$query="update userRegistration set
firstName=?,middleName=?,lastName=?,gender=?,contactNo=?,updationDate=?
where id=?";
$stmt = $mysqli->prepare($query);
```

```
$rc=$stmt-
>bind_param('ssssisi',$fname,$mname,$lname,$gender,$contactno,$udate,$aid);
$stmt->execute();
echo"<script>alert('Profile updated Succssfully');</script>";
}
?>

<!doctype html>
<html lang="en" class="no-js">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1,
minimum-scale=1, maximum-scale=1">
    <meta name="description" content="">
    <meta name="author" content="">
    <meta name="theme-color" content="#3e454c">
    <title>Profile Updation</title>
    <link rel="stylesheet" href="css/font-awesome.min.css">
    <link rel="stylesheet" href="css/bootstrap.min.css">
    <link rel="stylesheet" href="css/dataTables.bootstrap.min.css">>
    <link rel="stylesheet" href="css/bootstrap-social.css">
    <link rel="stylesheet" href="css/bootstrap-select.css">
    <link rel="stylesheet" href="css/fileinput.min.css">
    <link rel="stylesheet" href="css/awesome-bootstrap-checkbox.css">
    <link rel="stylesheet" href="css/style.css">
<script type="text/javascript" src="js/jquery-1.11.3-jquery.min.js"></script>
<script type="text/javascript" src="js/validation.min.js"></script>
<script                                                    type="text/javascript"
src="http://code.jquery.com/jquery.min.js"></script>

</head>
```

```
<body>
    <?php include('includes/header.php');?>
    <div class="ts-main-content">
            <?php include('includes/sidebar.php');?>
            <div class="content-wrapper">
                    <div class="container-fluid">
    <?php
$aid=$_SESSION['id'];
$udate = date('d-m-Y h:i:s', time());
    $ret="select * from userregistration where id=?";
            $stmt= $mysqli->prepare($ret) ;
     $stmt->bind_param('i',$aid);
     $stmt->execute() ;//ok
     $res=$stmt->get_result();
     //$cnt=1;
      while($row=$res->fetch_object())
     {
            ?>
                        <div class="row">
                            <div class="col-md-12">
                                <h2 class="page-title"><?php echo $row-
>firstName;?>'s Profile </h2>

                                <div class="row">
                                    <div class="col-md-12">
                                        <div  class="panel  panel-
primary">
                                            <div class="panel-
heading">

Last Updation date :   <?php echo $row->updationDate;?>
</div>
```

```
<div class="panel-body">
<form method="post" action="" name="registration" class="form-horizontal" onSubmit="return valid();">



<div class="form-group">
<label class="col-sm-2 control-label"> Registration No : </label>
<div class="col-sm-8">
<input type="text" name="regno" id="regno" class="form-control" required="required" value="<?php echo $row->regNo;?>" readonly="true">
</div>
</div>


<div class="form-group">
<label class="col-sm-2 control-label">First Name : </label>
<div class="col-sm-8">
<input type="text" name="fname" id="fname" class="form-control" value="<?php echo $row->firstName;?>"  required="required" >
</div>
</div>

<div class="form-group">
<label class="col-sm-2 control-label">Middle Name : </label>
<div class="col-sm-8">
<input type="text" name="mname" id="mname" class="form-control" value="<?php echo $row->middleName;?>"  >
</div>
</div>
```

```
<div class="form-group">
<label class="col-sm-2 control-label">Last Name : </label>
<div class="col-sm-8">
<input type="text" name="lname" id="lname"  class="form-control" value="<?php echo $row->lastName;?>" required="required">
</div>
</div>

<div class="form-group">
<label class="col-sm-2 control-label">Gender : </label>
<div class="col-sm-8">
<select name="gender" class="form-control" required="required">
<option value="<?php echo $row->gender;?>"><?php echo $row->gender;?></option>
<option value="male">Male</option>
<option value="female">Female</option>
<option value="others">Others</option>

</select>
</div>
</div>

<div class="form-group">
<label class="col-sm-2 control-label">Contact No : </label>
<div class="col-sm-8">
<input type="text" name="contact" id="contact" class="form-control" maxlength="10" value="<?php echo $row->contactNo;?>" required="required">
</div>
</div>
```

```
<div class="form-group">
<label class="col-sm-2 control-label">Email id: </label>
<div class="col-sm-8">
<input type="email" name="email" id="email" class="form-control" value="<?php echo $row->email;?>" readonly>
<span id="user-availability-status" style="font-size:12px;"></span>
</div>
</div>
<?php } ?>




<div class="col-sm-6 col-sm-offset-4">

<input type="submit" name="update" Value="Update Profile" class="btn btn-primary">
</div>
</form>

                                                    </div>
                                                    </div>
                                                </div>
                                            </div>
                                        </div>
                                            </div>
                                        </div>
                                    </div>
                                </div>
                            </div>
                        </div>
```

```
    </div>
    <script src="js/jquery.min.js"></script>
    <script src="js/bootstrap-select.min.js"></script>
    <script src="js/bootstrap.min.js"></script>
    <script src="js/jquery.dataTables.min.js"></script>
    <script src="js/dataTables.bootstrap.min.js"></script>
    <script src="js/Chart.min.js"></script>
    <script src="js/fileinput.js"></script>
    <script src="js/chartData.js"></script>
    <script src="js/main.js"></script>
</body>
<script type="text/javascript">
    $(document).ready(function(){
      $('input[type="checkbox"]').click(function(){
          if($(this).prop("checked") == true){
              $('#paddress').val( $('#address').val() );
              $('#pcity').val( $('#city').val() );
              $('#pstate').val( $('#state').val() );
              $('#ppincode').val( $('#pincode').val() );
          }

      });
  });
</script>
    <script>
function checkAvailability() {

$("#loaderIcon").show();
jQuery.ajax({
url: "check_availability.php",
data:'emailid='+$("#email").val(),
type: "POST",
```

```
success:function(data){
$("#user-availability-status").html(data);
$("#loaderIcon").hide();
},
error:function (){}
});
}
</script>

</html>
```

Index.php

```
<?php
session_start();
include('includes/config.php');
if(isset($_POST['login']))
{
$emailreg=$_POST['emailreg'];
$password=$_POST['password'];
$stmt=$mysqli->prepare("SELECT email,password,id FROM userregistration WHERE (email=? || regNo=?) and password=? ");
                                $stmt-
>bind_param('sss',$emailreg,$emailreg,$password);
                                $stmt->execute();
                                $stmt -> bind_result($email,$password,$id);
                                $rs=$stmt->fetch();
                                $stmt->close();
                                $_SESSION['id']=$id;
                                $_SESSION['login']=$emailreg;
                                $uip=$_SERVER['REMOTE_ADDR'];
                                $ldate=date('d/m/Y h:i:s', time());
```

```
                        if($rs)
                        {
        $uid=$_SESSION['id'];
        $uemail=$_SESSION['login'];
$ip=$_SERVER['REMOTE_ADDR'];
$geopluginURL='http://www.geoplugin.net/php.gp?ip='.$ip;
$addrDetailsArr = unserialize(file_get_contents($geopluginURL));
$city = $addrDetailsArr['geoplugin_city'];
$country = $addrDetailsArr['geoplugin_countryName'];
$log="insert into userLog(userId,userEmail,userIp,city,country)
values('$uid','$uemail','$ip','$city','$country')";
$mysqli->query($log);
if($log)
{
header("location:dashboard.php");
                        }
}
                        else
                        {
                                echo "<script>alert('Invalid Username/Email or
password');</script>";
                        }
                }
                        ?>


<!doctype html>
<html lang="en" class="no-js">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1,
minimum-scale=1, maximum-scale=1">
```

```
    <meta name="description" content="">
    <meta name="author" content="">
    <meta name="theme-color" content="#3e454c">
    <title>Student Hostel Registration</title>
    <link rel="stylesheet" href="css/font-awesome.min.css">
    <link rel="stylesheet" href="css/bootstrap.min.css">
    <link rel="stylesheet" href="css/dataTables.bootstrap.min.css">>
    <link rel="stylesheet" href="css/bootstrap-social.css">
    <link rel="stylesheet" href="css/bootstrap-select.css">
    <link rel="stylesheet" href="css/fileinput.min.css">
    <link rel="stylesheet" href="css/awesome-bootstrap-checkbox.css">
    <link rel="stylesheet" href="css/style.css">
<script type="text/javascript" src="js/jquery-1.11.3-jquery.min.js"></script>
<script type="text/javascript" src="js/validation.min.js"></script>
<script                                                    type="text/javascript"
src="http://code.jquery.com/jquery.min.js"></script>
<script type="text/javascript">
function valid()
{
if(document.registration.password.value!=
document.registration.cpassword.value)
{
alert("Password and Re-Type Password Field do not match  !!");
document.registration.cpassword.focus();
return false;
}
return true;
}
</script>
</head>
<body>
    <?php include('includes/header.php');?>
```

```
<div class="login-page bk-img" style="background-image: url(img/login-bg.jpg);">
    <div class="ts-main-content">
            <?php include('includes/sidebar.php');?>
            <div class="content-wrapper">
                    <div class="container-fluid">

                            <div class="row">
                                    <div class="col-md-12">

                                            <h2 class="page-title">User Login </h2>

                                            <div class="row">
                                    <div class="col-md-6 col-md-offset-3">
                                            <div class="well row pt-2x pb-3x bk-light">
                                                    <div class="col-md-8 col-md-offset-2">

                                                            <form action="" class="mt" method="post">
                                                                    <label for="" class="text-uppercase text-sm">Email / Registration Number</label>
                                                                    <input type="text" placeholder="Email / Registration Number" name="emailreg" class="form-control mb" required="true">
                                                                    <label for="" class="text-uppercase text-sm">Password</label>
                                                                    <input type="password" placeholder="Password" name="password" class="form-control mb" required="true">
```

```
                                                    <input
type="submit" name="login" class="btn btn-primary btn-block" value="login" >
                                                    </form>
                                                </div>
                                            </div>
                                            <div class="text-center text-light"
style="color:black;">
                                                <a href="forgot-password.php"
style="color:black;">Forgot password?</a>
                                            </div>
                                        </div>
                                    </div>
                                </div>
                            </div>
                        </div>
                    </div>
                </div>
            </div>
        </div>
        </div>
        <script src="js/jquery.min.js"></script>
        <script src="js/bootstrap-select.min.js"></script>
        <script src="js/bootstrap.min.js"></script>
        <script src="js/jquery.dataTables.min.js"></script>
        <script src="js/dataTables.bootstrap.min.js"></script>
        <script src="js/Chart.min.js"></script>
        <script src="js/fileinput.js"></script>
        <script src="js/chartData.js"></script>
        <script src="js/main.js"></script>
</body>
```

```
</html>
```

Logout.php

```
<?php
session_start();
unset($_SESSION['id']);
session_destroy();
header('Location:index.php');
?>
<?php
session_start();
include('includes/config.php');
include('includes/checklogin.php');
check_login();
//code for update email id
if($_POST['update'])
{
$email=$_POST['emailid'];
$aid=$_SESSION['id'];
$udate=date('Y-m-d');
$query="update admin set email=?,updation_date=? where id=?";
$stmt = $mysqli->prepare($query);
$rc=$stmt->bind_param('ssi',$email,$udate,$aid);
$stmt->execute();
echo"<script>alert('Email id has been successfully updated');</script>";
}
// code for change password
if(isset($_POST['changepwd']))
{
  $op=$_POST['oldpassword'];
```

```
  $np=$_POST['newpassword'];
$ai=$_SESSION['id'];
$udate=date('Y-m-d');
     $sql="SELECT password FROM admin where password=?";
     $chngpwd = $mysqli->prepare($sql);
     $chngpwd->bind_param('s',$op);
     $chngpwd->execute();
     $chngpwd->store_result();
    $row_cnt=$chngpwd->num_rows;;
     if($row_cnt>0)
     {
          $con="update admin set password=?,updation_date=?  where id=?";
$chngpwd1 = $mysqli->prepare($con);
$chngpwd1->bind_param('ssi',$np,$udate,$ai);
  $chngpwd1->execute();
          $_SESSION['msg']="Password Changed Successfully !!";
     }
     else
     {
          $_SESSION['msg']="Old Password not match !!";
     }



}
?>
<!doctype html>
<html lang="en" class="no-js">
<head>
     <meta charset="UTF-8">
     <meta http-equiv="X-UA-Compatible" content="IE=edge">
     <meta name="viewport" content="width=device-width, initial-scale=1,
minimum-scale=1, maximum-scale=1">
```

```
    <meta name="description" content="">
    <meta name="author" content="">
    <meta name="theme-color" content="#3e454c">
    <title>Admin Profile</title>
    <link rel="stylesheet" href="css/font-awesome.min.css">
    <link rel="stylesheet" href="css/bootstrap.min.css">
    <link rel="stylesheet" href="css/dataTables.bootstrap.min.css">>
    <link rel="stylesheet" href="css/bootstrap-social.css">
    <link rel="stylesheet" href="css/bootstrap-select.css">
    <link rel="stylesheet" href="css/fileinput.min.css">
    <link rel="stylesheet" href="css/awesome-bootstrap-checkbox.css">
    <link rel="stylesheet" href="css/style.css">
<script type="text/javascript" src="js/jquery-1.11.3-jquery.min.js"></script>
<script type="text/javascript" src="js/validation.min.js"></script>
<script type="text/javascript">
function valid()
{

if(document.changepwd.newpassword.value!=
document.changepwd.cpassword.value)
{
alert("Password and Re-Type Password Field do not match  !!");
document.changepwd.cpassword.focus();
return false;
}
return true;
}
</script>

</head>
<body>
    <?php include('includes/header.php');?>
```

```
<div class="ts-main-content">
<?php include('includes/sidebar.php');?>
<div class="content-wrapper">
<div class="container-fluid">

<div class="row">
<div class="col-md-12">

<h2 class="page-title">Admin Profile</h2>
<?php
$aid=$_SESSION['id'];
$ret="select * from admin where id=?";
$stmt= $mysqli->prepare($ret) ;
$stmt->bind_param('i',$aid);
$stmt->execute() ;//ok
$res=$stmt->get_result();
//$cnt=1;
while($row=$res->fetch_object())
{
?>
<div class="row">
<div class="col-md-6">
<div class="panel panel-default">
<div class="panel-heading">Admin profile details</div>
<div class="panel-body">
<form method="post" class="form-horizontal">
```

```
<div class="hr-dashed"></div>

<div class="form-group">

<label class="col-sm-2 control-label">Username </label>

<div class="col-sm-10">

        <input type="text" value="<?php echo $row->username;?>" disabled class="form-control"><span class="help-block m-b-none">

        Username can't be changed.</span> </div>

</div>

<div class="form-group">

<label class="col-sm-2 control-label">Email</label>

<div class="col-sm-10">
<input type="email" class="form-control" name="emailid" id="emailid" value="<?php echo $row->email;?>" required="required">


</div>

</div>
<div class="form-group">
                                                    <label class="col-sm-2 control-label">Reg Date</label>
```

```
                                                    <div class="col-sm-10">
                                                    <input type="text" class="form-control" value="<?php echo $row->reg_date;?>" disabled >
    </div>
    </div>

    <div class="col-sm-8 col-sm-offset-2">
        <button class="btn btn-default" type="submit">Cancel</button>
        <input class="btn btn-primary" type="submit" name="update" value="Update Profile">
    </div>
    </div>
                                                        </form>
                                                    </div>
                                                </div>
                                                    <?php } ?>
                                                <div class="col-md-6">
                                                <div class="panel panel-default">
```

```
                                                    <div class="panel-
heading">Change Password</div>
                                                    <div class="panel-
body">
                        <form method="post" class="form-horizontal"
name="changepwd" id="change-pwd" onSubmit="return valid();">

 <?php if(isset($_POST['changepwd']))
{ ?>

                                                                <p
style="color: red"><?php echo htmlentities($_SESSION['msg']); ?><?php echo
htmlentities($_SESSION['msg']=""); ?></p>

    <?php } ?>

    <div class="hr-dashed"></div>

    <div class="form-group">

    <label class="col-sm-4 control-label">old Password </label>

    <div class="col-sm-8">
                        <input type="password" value="" name="oldpassword"
id="oldpassword" class="form-control" onBlur="checkpass()"
required="required">
                                                    <span
id="password-availability-status" class="help-block m-b-none" style="font-
size:12px;"></span> </div>

    </div>
```

```
<div class="form-group">

<label class="col-sm-4 control-label">New Password</label>

<div class="col-sm-8">

<input type="password" class="form-control" name="newpassword" id="newpassword" value="" required="required">

</div>

</div>
<div class="form-group">
                                                    <label class="col-sm-4 control-label">Confirm Password</label>
                                                    <div class="col-sm-8">
                                <input type="password" class="form-control" value="" required="required" id="cpassword" name="cpassword" >

</div>

</div>



<div class="col-sm-6 col-sm-offset-4">

        <button class="btn btn-default" type="submit">Cancel</button>
```

```
                <input type="submit" name="changepwd" Value="Change Password"
class="btn btn-primary">

    </div>

                                                                    </form>

                                                                        </div>
                                                                    </div>
                                                                </div>
                                                                </div>




                                                                </div>
                                                            </div>

                                                        </div>
                                                    </div>


                                                </div>
                                            </div>
    </div>
    <script src="js/jquery.min.js"></script>
    <script src="js/bootstrap-select.min.js"></script>
    <script src="js/bootstrap.min.js"></script>
    <script src="js/jquery.dataTables.min.js"></script>
    <script src="js/dataTables.bootstrap.min.js"></script>
    <script src="js/Chart.min.js"></script>
```

```
    <script src="js/fileinput.js"></script>
    <script src="js/chartData.js"></script>
    <script src="js/main.js"></script>
    <script>
function checkAvailability() {
$("#loaderIcon").show();
jQuery.ajax({
url: "check_availability.php",
data:'emailid='+$("#emailid").val(),
type: "POST",
success:function(data){
$("#user-availability-status").html(data);
$("#loaderIcon").hide();
},
error:function (){}
});
}
</script>
<script>
function checkpass() {
$("#loaderIcon").show();
jQuery.ajax({
url: "check_availability.php",
data:'oldpassword='+$("#oldpassword").val(),
type: "POST",
success:function(data){
$("#password-availability-status").html(data);
$("#loaderIcon").hide();
},
error:function (){}
});
}
```

```
</script>
</body>

</html><?php
session_start();
include('includes/config.php');
include('includes/checklogin.php');
check_login();
//code for add courses
if(isset($_POST['submit']))
{
$coursecode=$_POST['cc'];
$coursesn=$_POST['cns'];
$coursefn=$_POST['cnf'];

$query="insert into  courses (course_code,course_sn,course_fn) values(?,?,?)";
$stmt = $mysqli->prepare($query);
$rc=$stmt->bind_param('sss',$coursecode,$coursesn,$coursefn);
$stmt->execute();
echo"<script>alert('Course has been added successfully');</script>";
}

?>
<!doctype html>
<html lang="en" class="no-js">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1, minimum-scale=1, maximum-scale=1">
    <meta name="description" content="">
    <meta name="author" content="">
```

```
    <meta name="theme-color" content="#3e454c">
    <title>Add Courses</title>
    <link rel="stylesheet" href="css/font-awesome.min.css">
    <link rel="stylesheet" href="css/bootstrap.min.css">
    <link rel="stylesheet" href="css/dataTables.bootstrap.min.css">>
    <link rel="stylesheet" href="css/bootstrap-social.css">
    <link rel="stylesheet" href="css/bootstrap-select.css">
    <link rel="stylesheet" href="css/fileinput.min.css">
    <link rel="stylesheet" href="css/awesome-bootstrap-checkbox.css">
    <link rel="stylesheet" href="css/style.css">
<script type="text/javascript" src="js/jquery-1.11.3-jquery.min.js"></script>
<script type="text/javascript" src="js/validation.min.js"></script>
</head>
<body>
    <?php include('includes/header.php');?>
    <div class="ts-main-content">
            <?php include('includes/sidebar.php');?>
            <div class="content-wrapper">
                    <div class="container-fluid">

                            <div class="row">
                                    <div class="col-md-12">

                                            <h2 class="page-title">Add Courses
</h2>

                                            <div class="row">
                                                    <div class="col-md-12">
                                                            <div class="panel panel-
default">
                                                                    <div class="panel-
heading">Add courses</div>
```

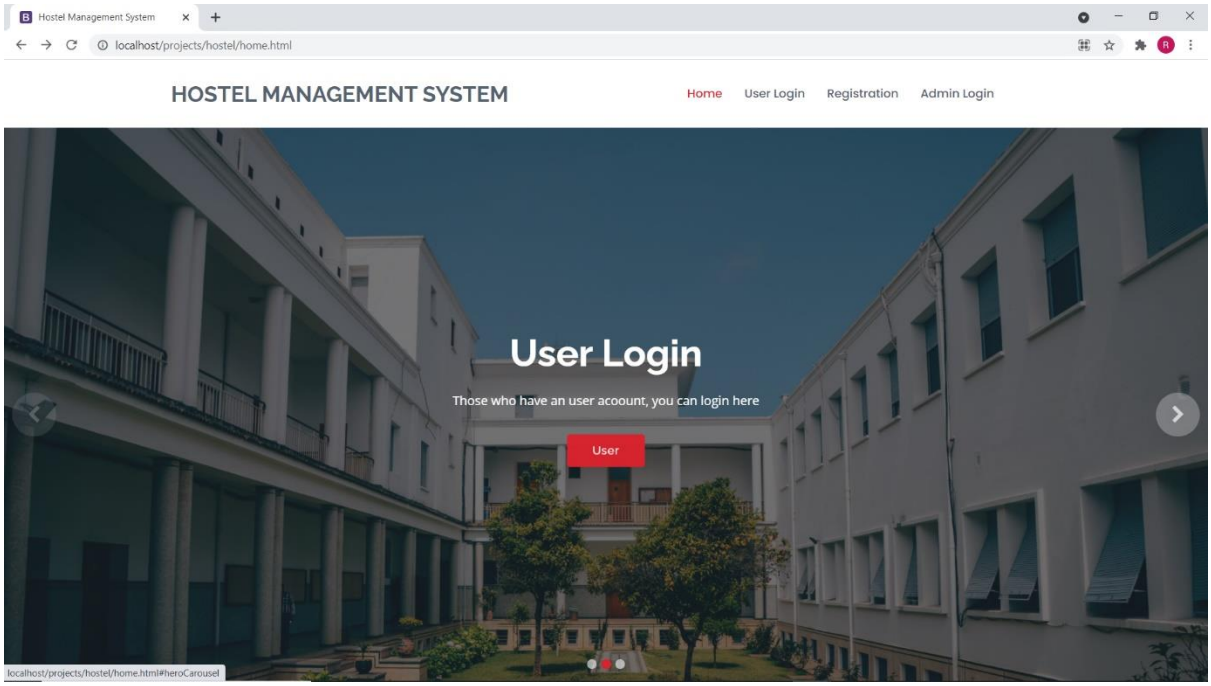
```
                                                    <div class="panel-
body">
                                                        <form
method="post" class="form-horizontal">


    <div class="hr-dashed"></div>

    <div class="form-group">

    <label class="col-sm-2 control-label">Course Code </label>

    <div class="col-sm-8">

            <input type="text" value="" name="cc"  class="form-control"> </div>

    </div>

    <div class="form-group">

    <label class="col-sm-2 control-label">Course Name (Short)</label>

    <div class="col-sm-8">
    <input type="text" class="form-control" name="cns" id="cns" value=""
required="required">


    </div>

    </div>
<div class="form-group">
```

```
                                                    <label class="col-sm-2 control-label">Course Name(Full)</label>
                                                    <div class="col-sm-8">
                                                    <input type="text" class="form-control" name="cnf" value="" >
    </div>
    </div>

    <div class="col-sm-8 col-sm-offset-2">

            <input class="btn btn-primary" type="submit" name="submit" value="Add course">
    </div>
    </div>
                                                        </form>
                                                    </div>
                                                </div>

                                            </div>
```

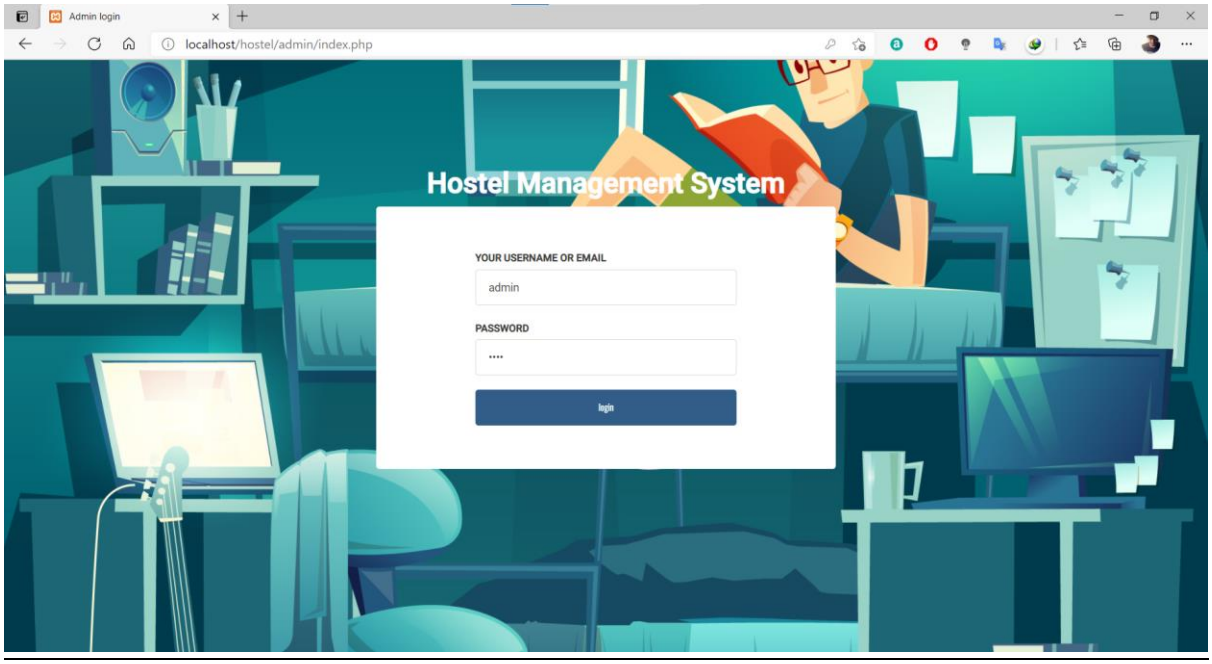
```
                                                    </div>
                                                </div>

                                            </div>
                                        </div>


                                    </div>
                                </div>
                            </div>
                            <script src="js/jquery.min.js"></script>
                            <script src="js/bootstrap-select.min.js"></script>
                            <script src="js/bootstrap.min.js"></script>
                            <script src="js/jquery.dataTables.min.js"></script>
                            <script src="js/dataTables.bootstrap.min.js"></script>
                            <script src="js/Chart.min.js"></script>
                            <script src="js/fileinput.js"></script>
                            <script src="js/chartData.js"></script>
                            <script src="js/main.js"></script>

        </script>
        </body>

        </html>
```

11. Appendix-B-Screenshots

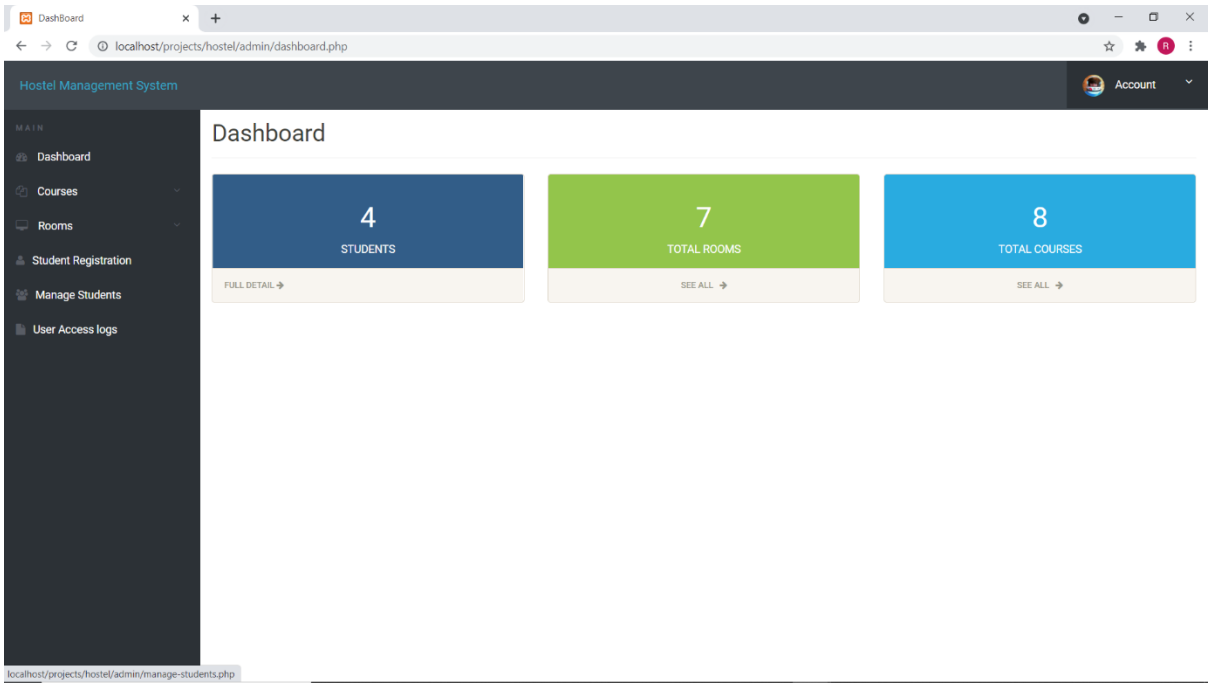
Home Page



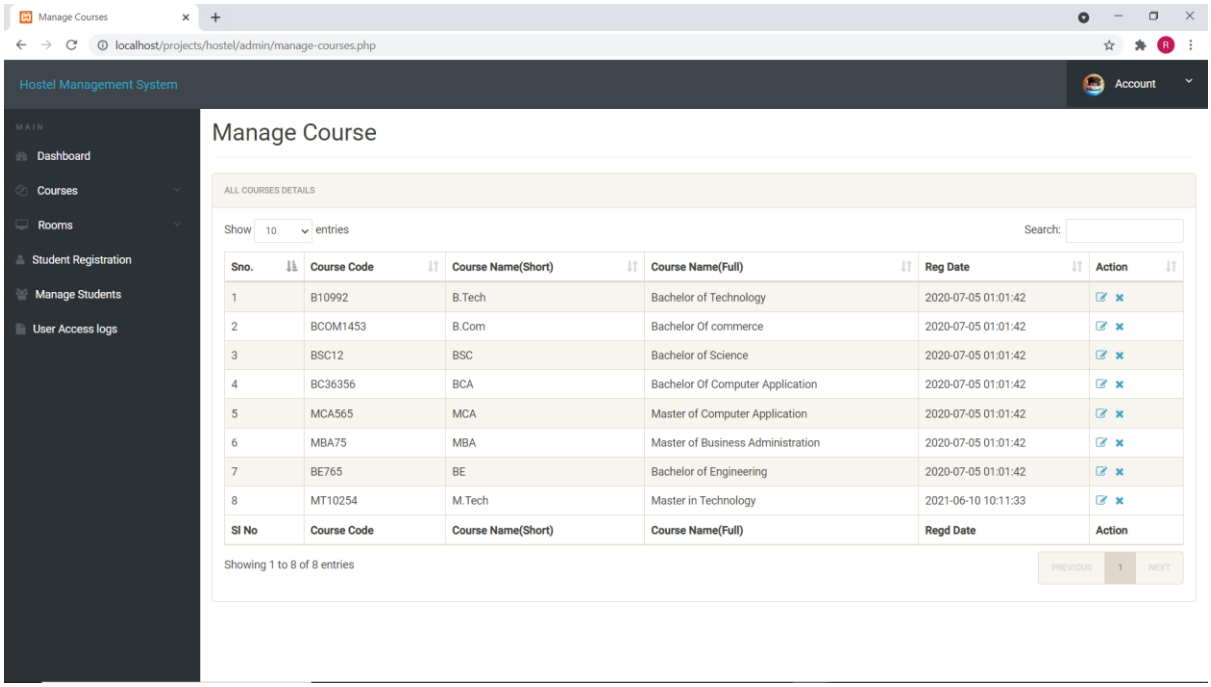
Admin Login



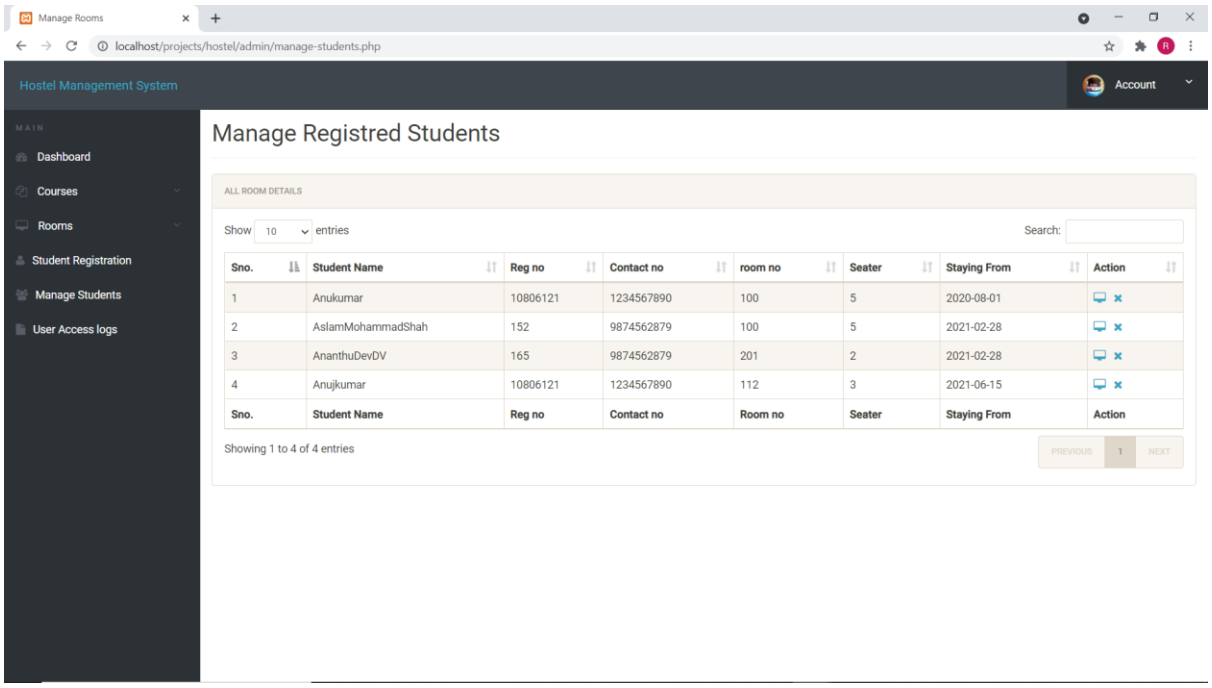
Admin Dashboard



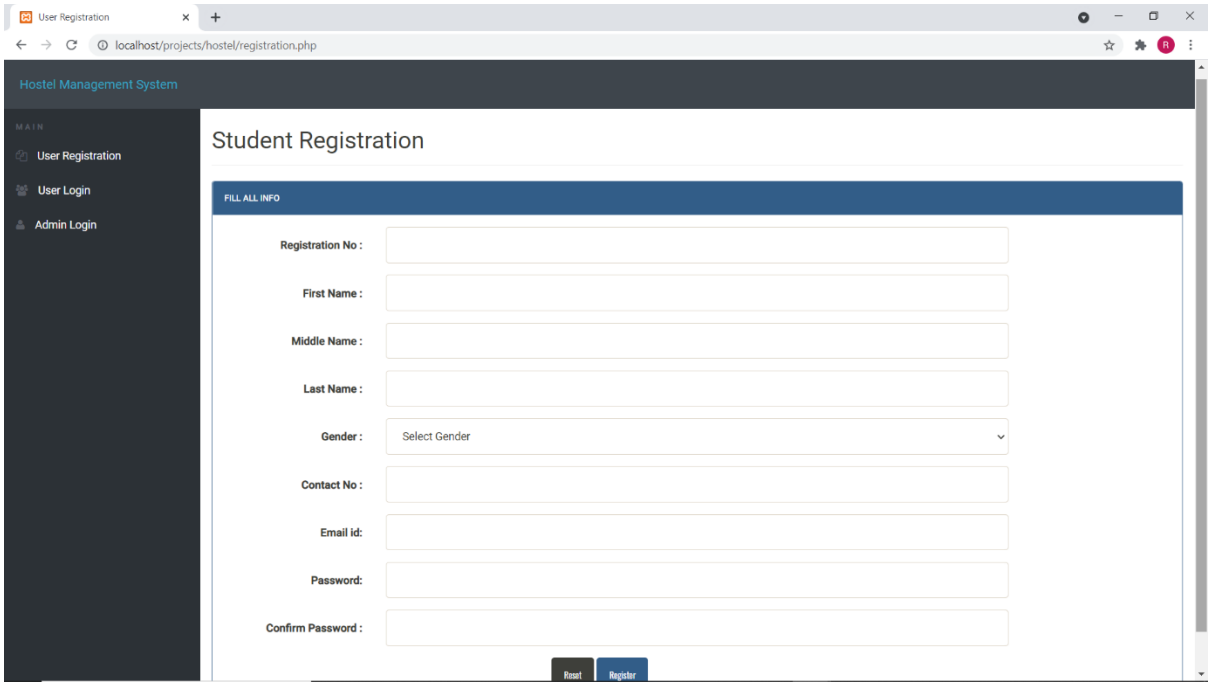
Admin Manage Courses



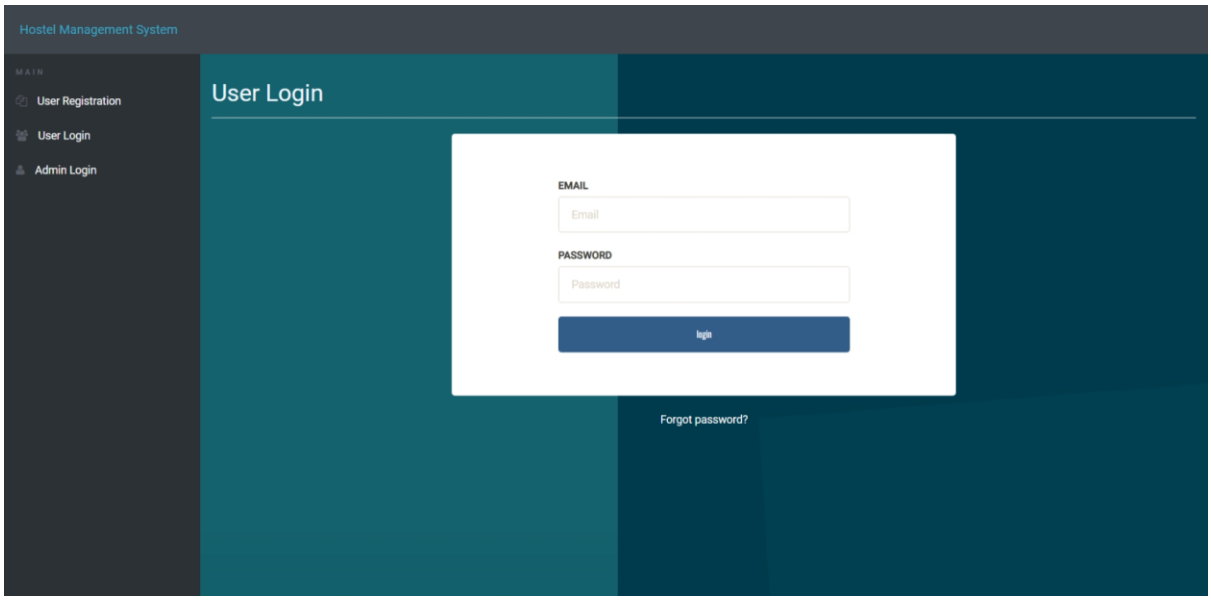
Admin Manage Students



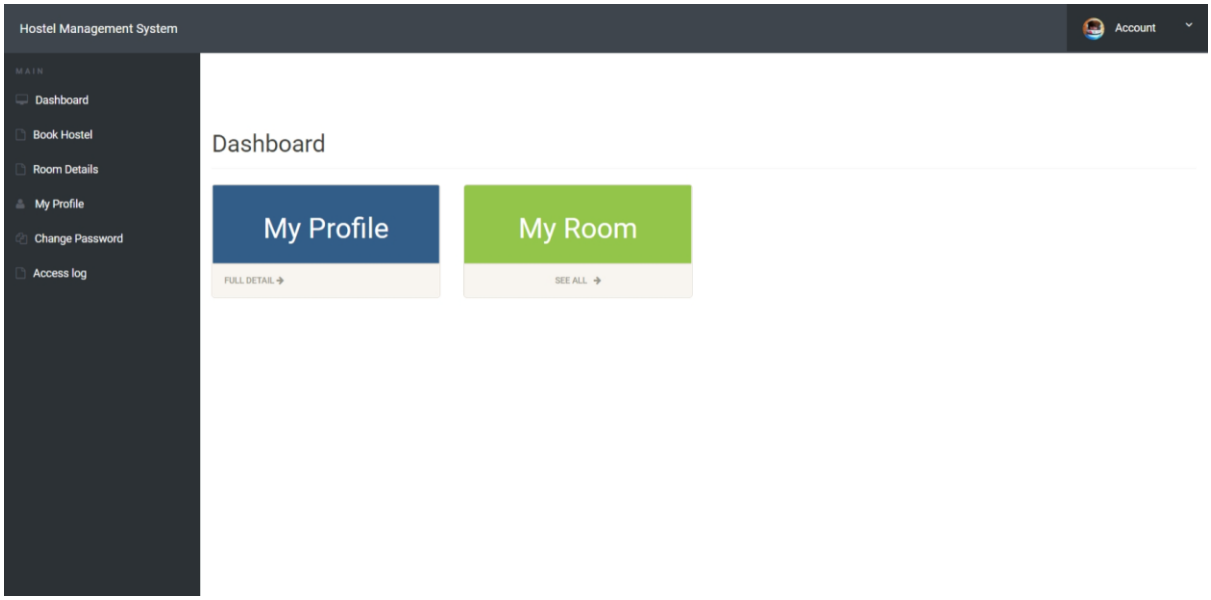
User Student Registration



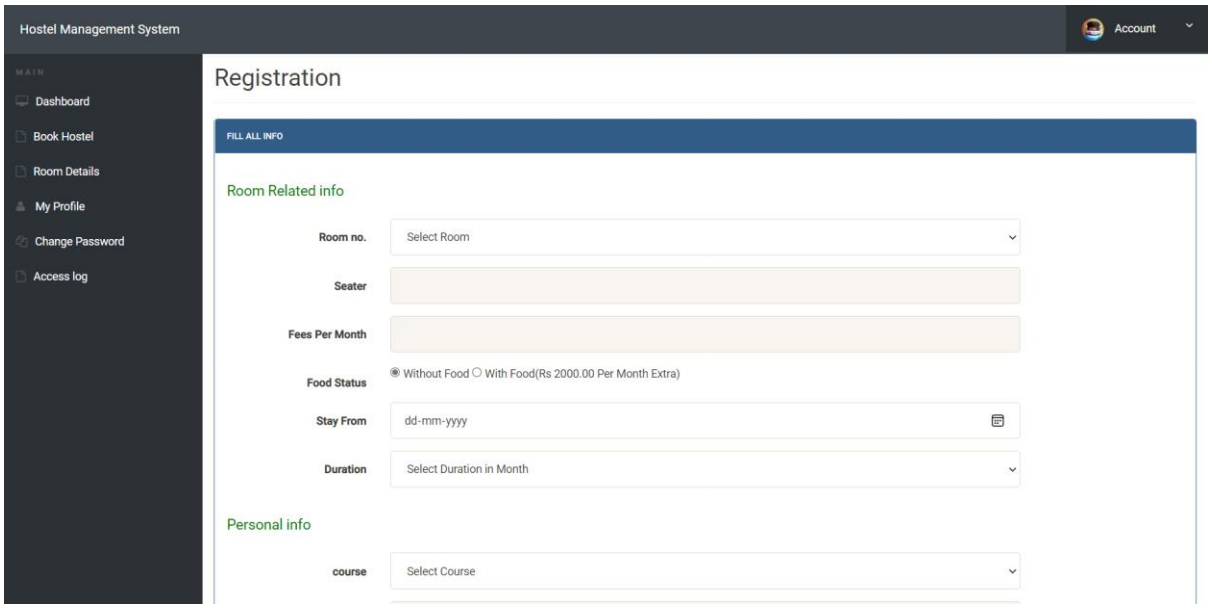
User Login



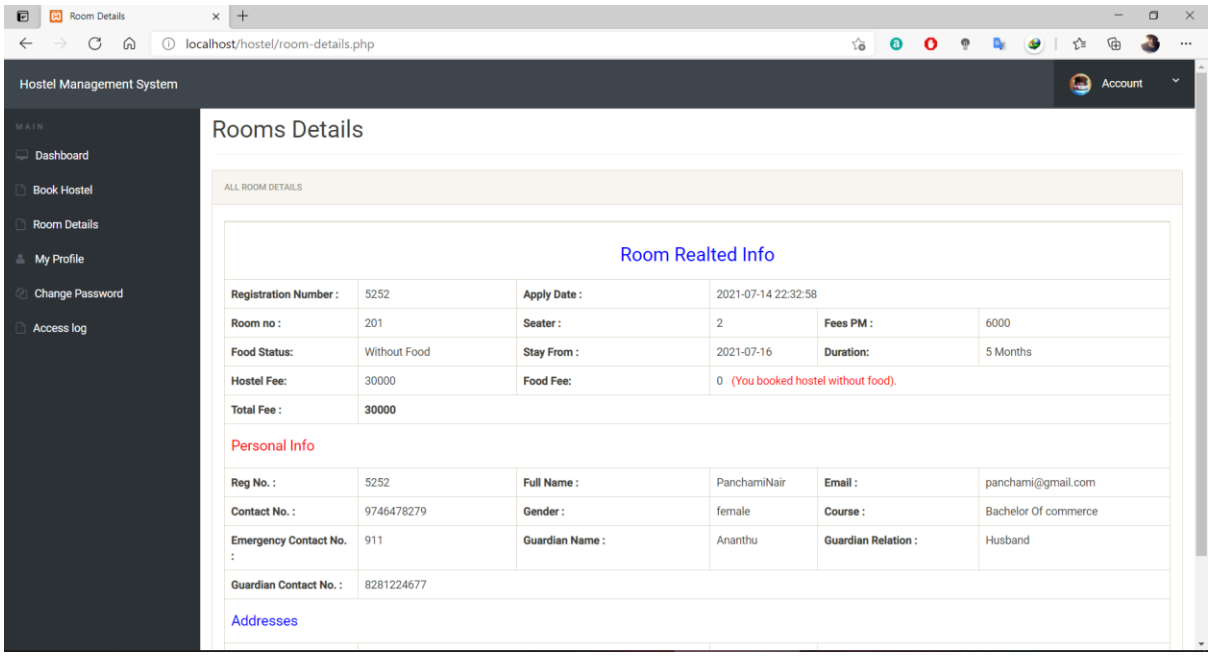
User Dashboard



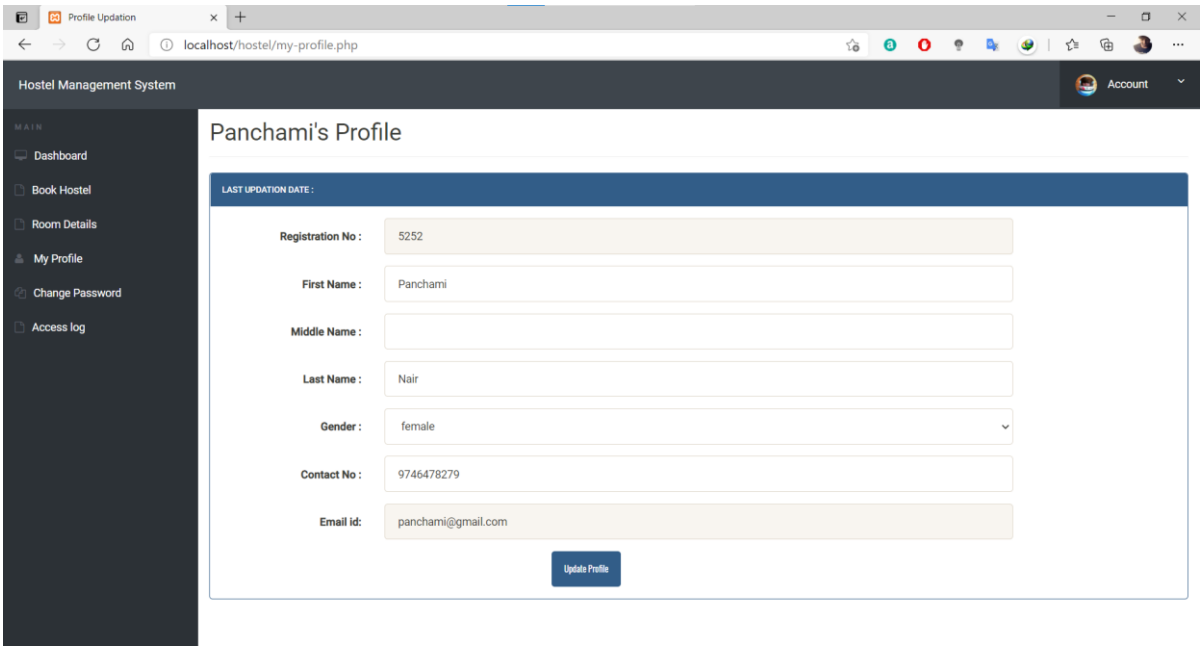
User Hostel Booking



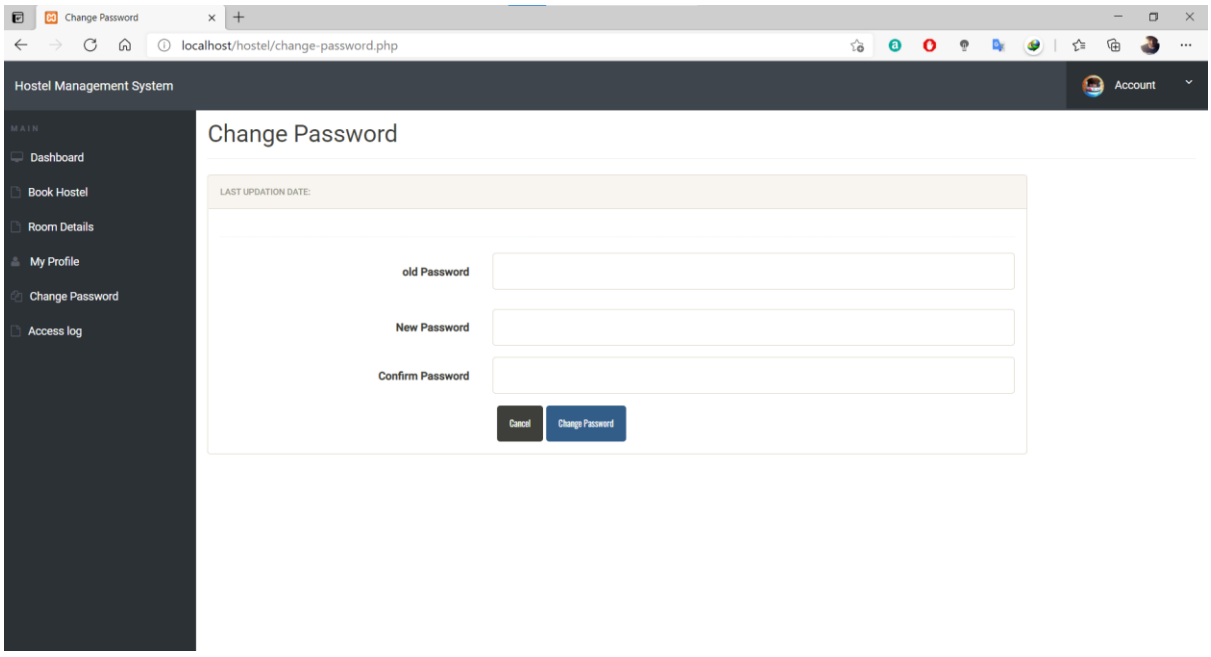
User Room Details



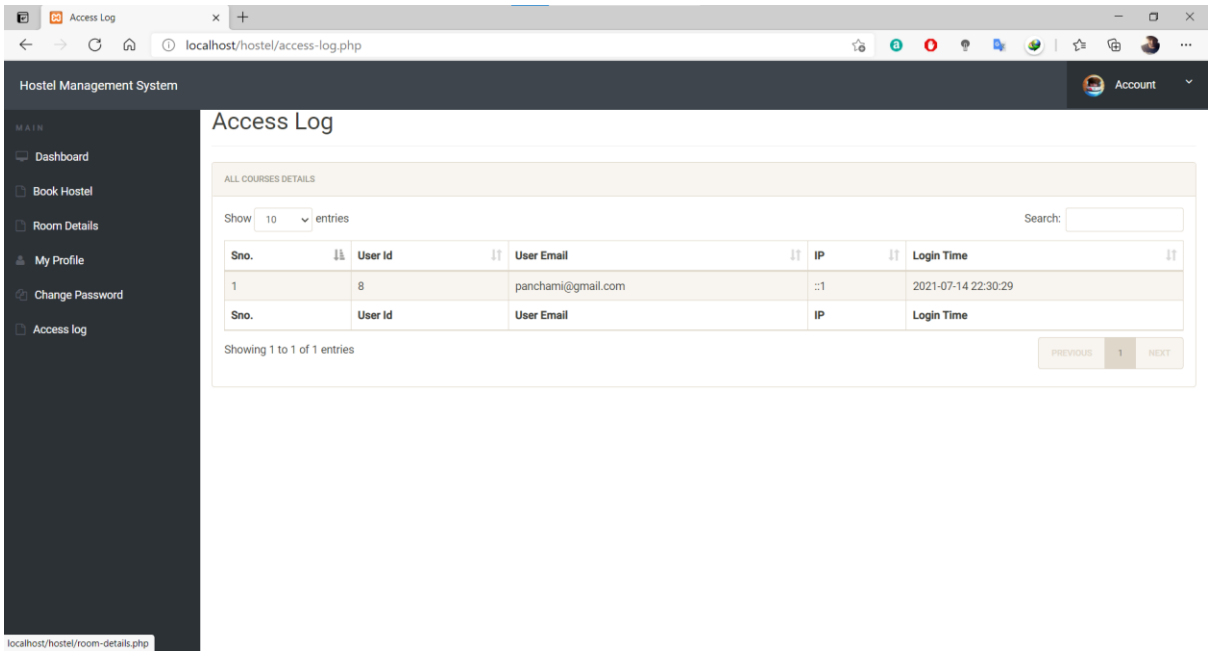
User Profile Updation



User Change Password



User Access Log



12. FUTURE ENHANCEMENT

The future enhancement of a system means that the modification that are brought to the current system to enhance its functionalities. In our project we had satisfy all the current requirements. There are provisions provided for the future enhancement when the requirement changes or varies as the software is flexible and can easily modify. Future enhancement such as database expansion by including various top level information. The user interactivity can also be modified with the simultaneous expansion of user database.

Hostel management gives on idea about how the students details, room allocation, mess expenditure are maintained in the particular concern. The hostel management system also includes some special features. The administration has the unique identity for each members as well as students details. The stock management has also held by mess expenditure, the mess expenditure that used to calculate the mess bills of each of the students. The modules of this project are student details, room details.

- It is not possible to develop a system that meets all user requirements, as user requirements keep changing as the system is being used.
- There are many places where we can improve. The following are the features that we can implement in near future:
- Student Grief Portal for students to mention their problems.
- Hostel Attendance System which can be linked to parent’s number.
- As technologies emerge, it is possible to update the already existing system and adapt for the desired environment.
- A separate Portal for parents to look into what Hostel Status is.

13. CONCLUSION

To conclude the description about the project: The project, developed using PHP and MySQL 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 portal software is designed for people who want to manage various activities in the hostel. For the past few years the number of educational institutions are increasing rapidly. Thereby the number 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 and software's are not usually used in this context. This particular project deals with the problems on managing a hostel and avoids the problems which occur when carried manually.

Identification of the drawbacks of the existing system leads to the designing of computerized system that will be compatible to the existing system with the system which is more user friendly and more GUI oriented.

14. BIBLIOGRAPHY

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