

ONLINE HOSTEL MANAGEMENT SYSTEM

PROJECT REPORT



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CERTIFICATE

This is to certify that this bonafide project work entitled
“ONLINE HOSTEL MANAGEMENT SYSTEM” done by

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Abstract

As the name specifies “HOSTEL MANAGEMENT SYSTEM” is a software developed for managing 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. We can improve the efficiency of the system, thus overcome the drawbacks of the existing system.

- . Less human error
- Strength and strain of manual labour can be reduced
- High security · Data redundancy can be avoided to some extent
- Data consistency
- Easy to handle
- Easy data updating
- Easy record keeping
- Backup data can be easily generated

Introduction

1.1 Problem Definition:

We have got nine hostels in our university, which consist of four boy's hostel and five girl's hostel. All these hostels at present are managed manually by the hostel office. The Registration form verification to the different data processing are done manually.

Thus there are a lot of repetitions which can be easily avoided. 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. We can improve the efficiency of the system, thus overcome the drawbacks of the existing system.

1.2 User Panel:

1.2.1 User Login

1.2.1.1 Home

1. This consist of the different pop-up menus showing the details of the different hostels
2. It contain a link to the CUSAT official web-site.
3. It allows the different users to access the registration forms.
4. He can view the Student administration division of the different hostels and also view the notice boards.

1.2.1.2 Registration Form

This section provides an online form to the students which can be filled by them, and a copy of the filled page can be taken in the printed form. This is later submitted to the Hostel authorities which can be verified by them before allotting them to the respective hostels.

1.2.1.3 Notice Board

All the 9 hostels have their Notice boards. Any change in the Hostel fee, mess fee will be shown in this. It can be also used for different notifications.

1.3 Admin Panel

1.3.1 Administrator Login

1.3.2.1 Home

The Administrator can :

1. Allot different students to the different hostels.
2. Vacate the students for the hostels.
3. Control the status of the fee payment.
4. Edit the details of the students & modify the student records.

1.3.2.1.1 Allotment of the hostels

There will be pre-defined criterias for the admission to the hostels. He checks the attested application forms of the students obtained from the internet and verify it with the student database. If the students are found eligible then they are allotted to the hostel.

1.3.2.1.2 Vacating the rooms

As the student's course is over they will vacate their rooms. So it is required for the administrator to remove their records from the database tables. This section includes the option for the room vacation and the deletion of the particular record from the database.

System Analysis

Existing System:

The existing system is manual based and need lot of efforts and consume enough time. In the existing system we can apply for the hostels online but the allotment processes are done manually. It may lead to corruptions in the allocation process as well as hostel fee calculation. The existing system does not deals with mess calculation and complaint registration.

Disadvantages:

- More human power
- More strength and strain of manual labour needed
- Repetition of same procedure.
- Low security.
- Data redundancy.
- Difficulty to handle.
- Difficulty to update data. Record keeping is difficult.
- Backup data can be easily generated.

Proposed system:

The proposed system is having many advantages over the existing system. It require less overhead and very efficient. The proposed system deals with the mess calculation and allotment process efficiently.

Feasibility Study

Technical Feasibility:

The technical feasibility in the proposed system deals with the technology used in the system. It deals with the hardware and software used in the system whether they are of latest technology or not. It happens that after a system is prepared a new technology arises and the user wants the system based on that technology. This system use windows platform, .net as front end technology and sql server as backend technology. Thus ONLINE HOSTEL MANAGEMENT SYSTEM is technically feasible.

Economical Feasibility:

Economic analysis is the most frequently used method for evaluating the effectiveness of a new system. More commonly known as cost/benefit analysis. .net using visual C# and sql database easily available in internet

Operational Feasibility:

The project has been developed in such a way that it becomes very easy even for a person with little computer knowledge to operate it. This software is very user friendly and does not require any technical person to operate .Thus the project is even operationally feasible.

Requirement Analysis

And Specification

Functions and features delivered to the end users.

The end users of the proposed system are:

Administrator module:

In administrator module administrator manages the master data's like server details and student details. Accept the application of students, view the application forms, reject the fake applications, view the complaints of the students in the hostel, accept the vacating form and delete from the database, edit the notice boards and view complaints.

Student Module:

In student module, they can Submit application form, change password, can check status, view notice board, view monthly hostel fee and submit the vacating form.

Secretary Module:

In secretary module, the secretary can calculate the mess bill, and edit the mess menu, view the notice board and also change the password.

MODULES OF THE

PROJECT

The system design is divided in to three portions. The Administrator section ,hostel secretary section and student section.

1 Administrator:

1. The Administrator can allot different students to the different hostels.
2. He can vacate the students for the hostels.
3. He can control the status of the fee payment.
4. He can edit the details of the students. He can change their rooms, edit and delete the student records.
5. He can edit the news board
6. He can check the complaints

2. The Hostel Secretary can :

1. Make the Mess menu
2. Make the mess bill & hostel bill
3. Give notifications in Notice Board .

In input data design, we design the source document that capture the data and then select the media used to enter them into the computer. There are two major approaches for entering data in to the computer. They are

- Menus.

. Dialog Boxes.

Data Flow Diagrams:



Fig 3.1 DFD for allotment process

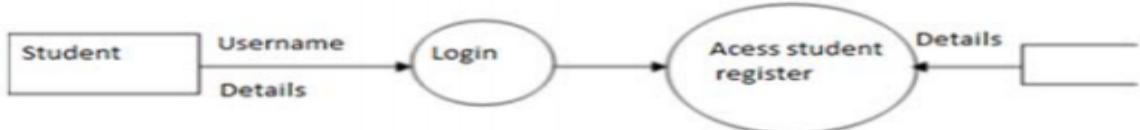


Fig 3.2 DFD for student module

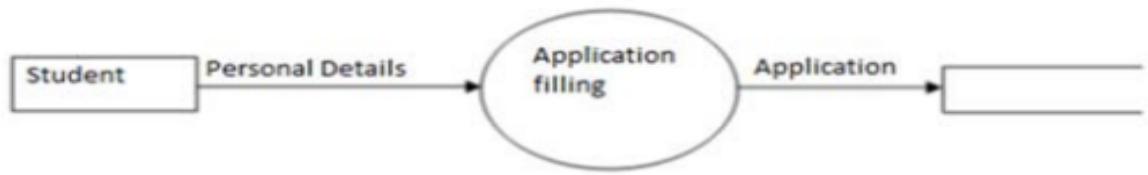


Fig 3.3 DFD for student registration

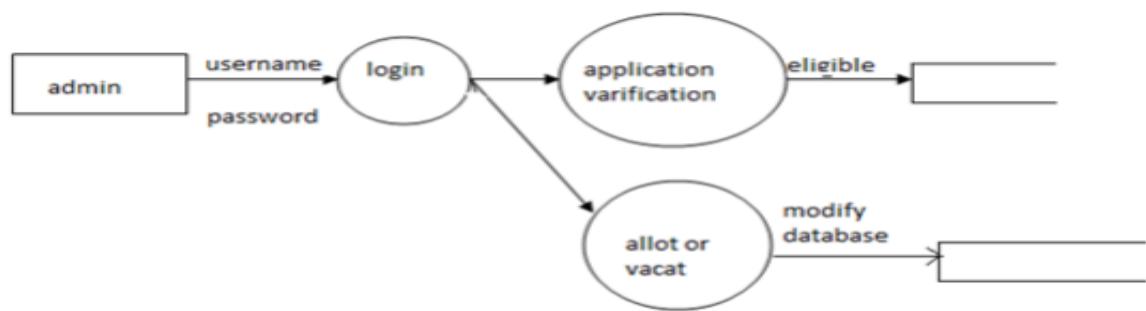


Fig 3.4 DFD for Admin module

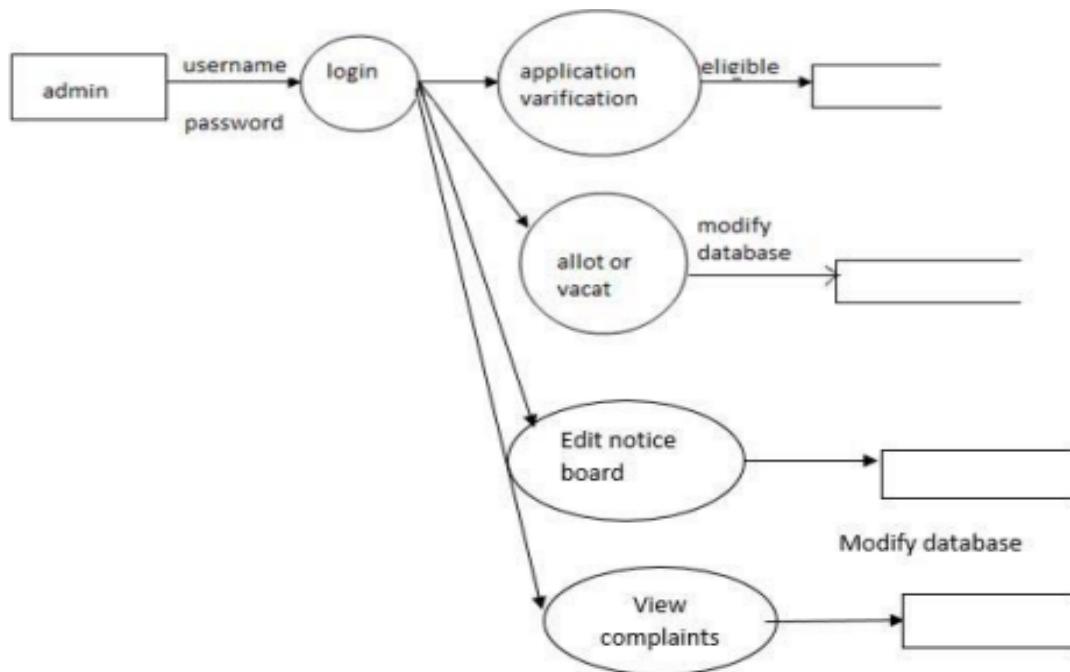


Fig 3.5 DFD for admin module

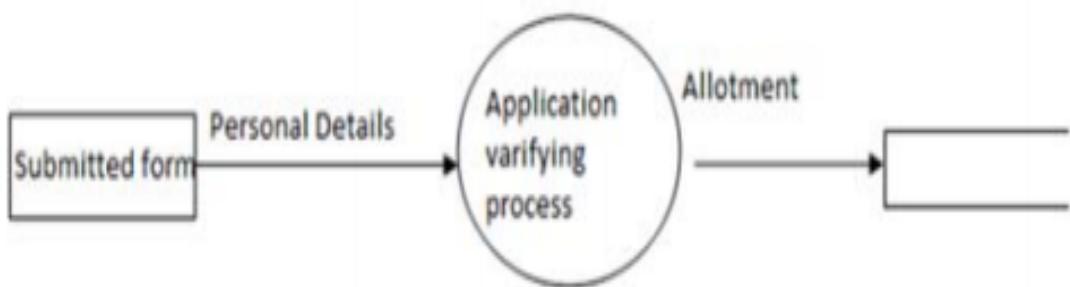
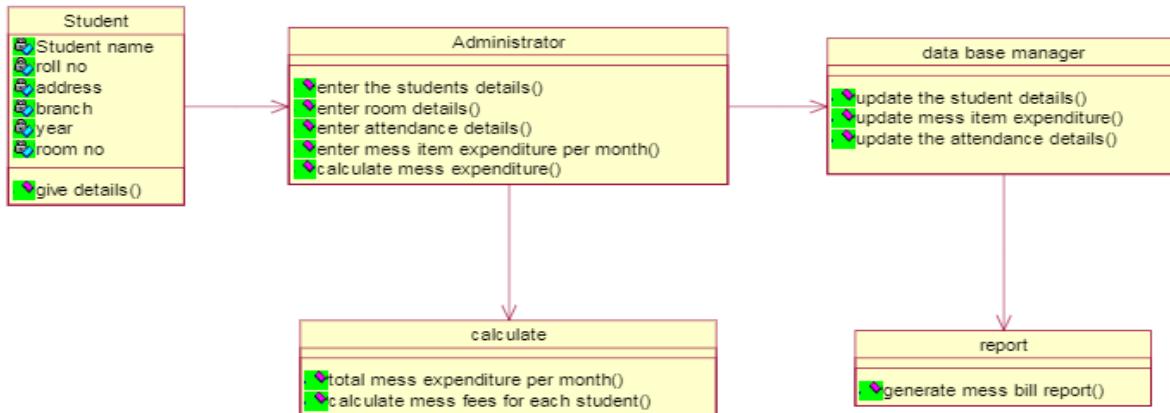


Fig 3.6 DFD for allotment process

Uml Diagrams

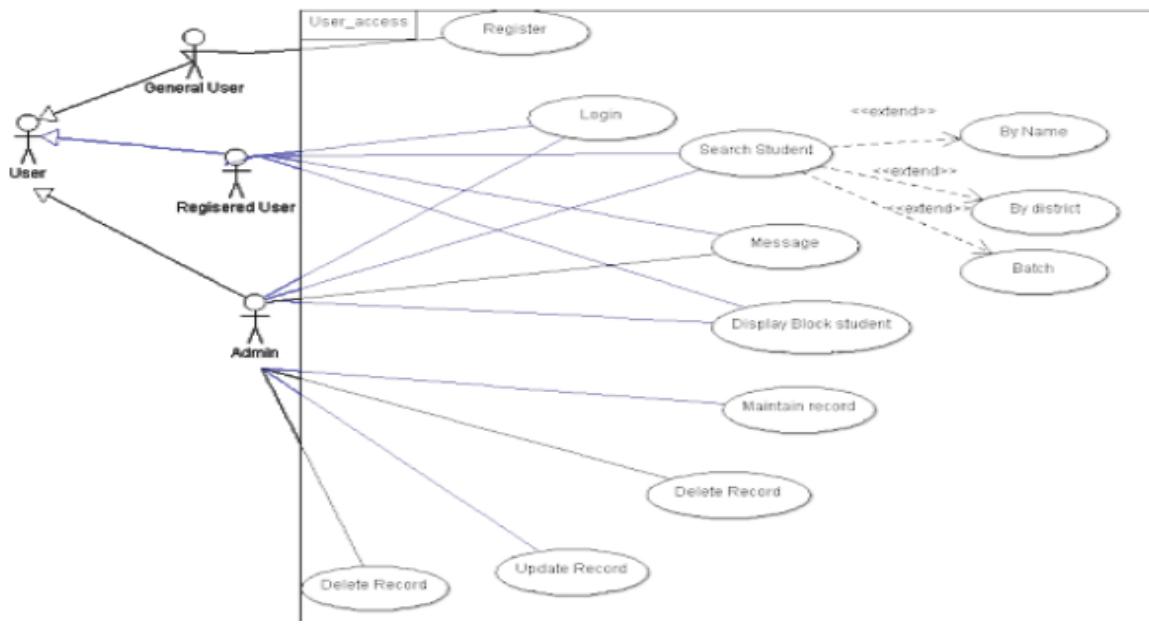
CLASS DIAGRAM:

Class diagram is a collection of static elements such as classes and their relationships connected as a graph to each other.

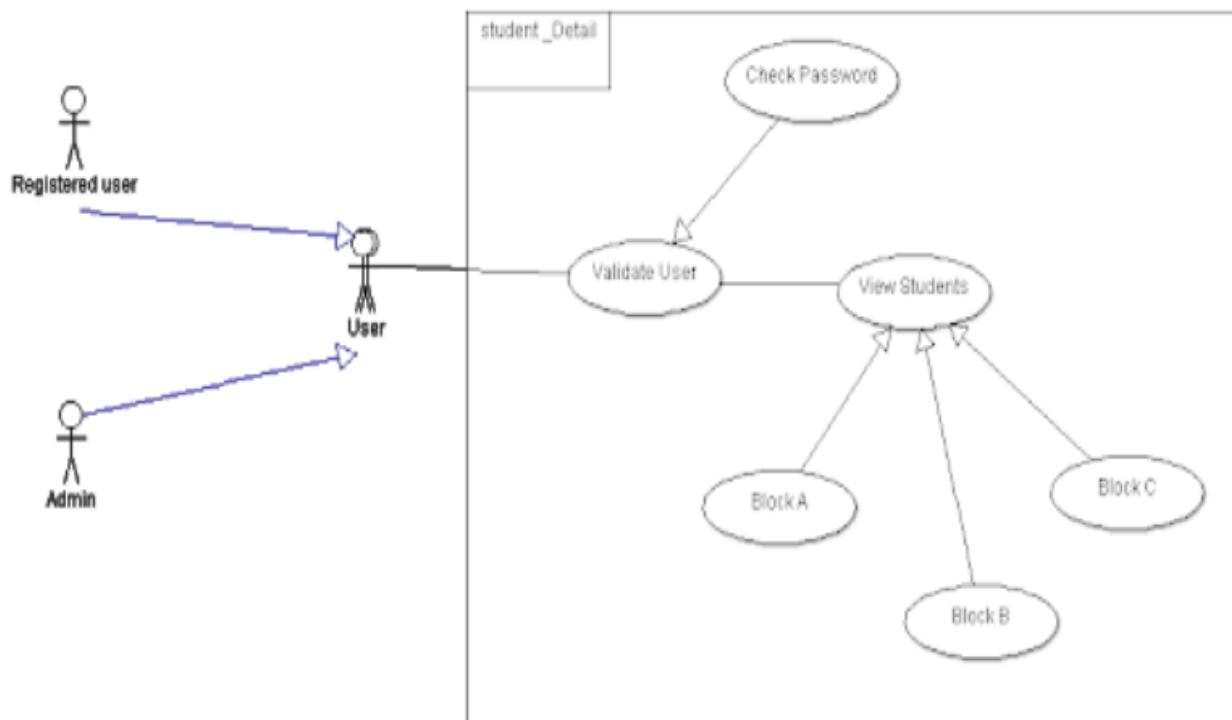


2:Use Case Diagrams

The use case diagram below shows that the actor User is inherited by three users and is allowed to access the particular part as depicted in the diagram. The User must login in in the system to get the right to use it. Here General User needs to register to the system first and if the User is already registered , they are identified as Admin or Registered User and are allowed the particular privilege.

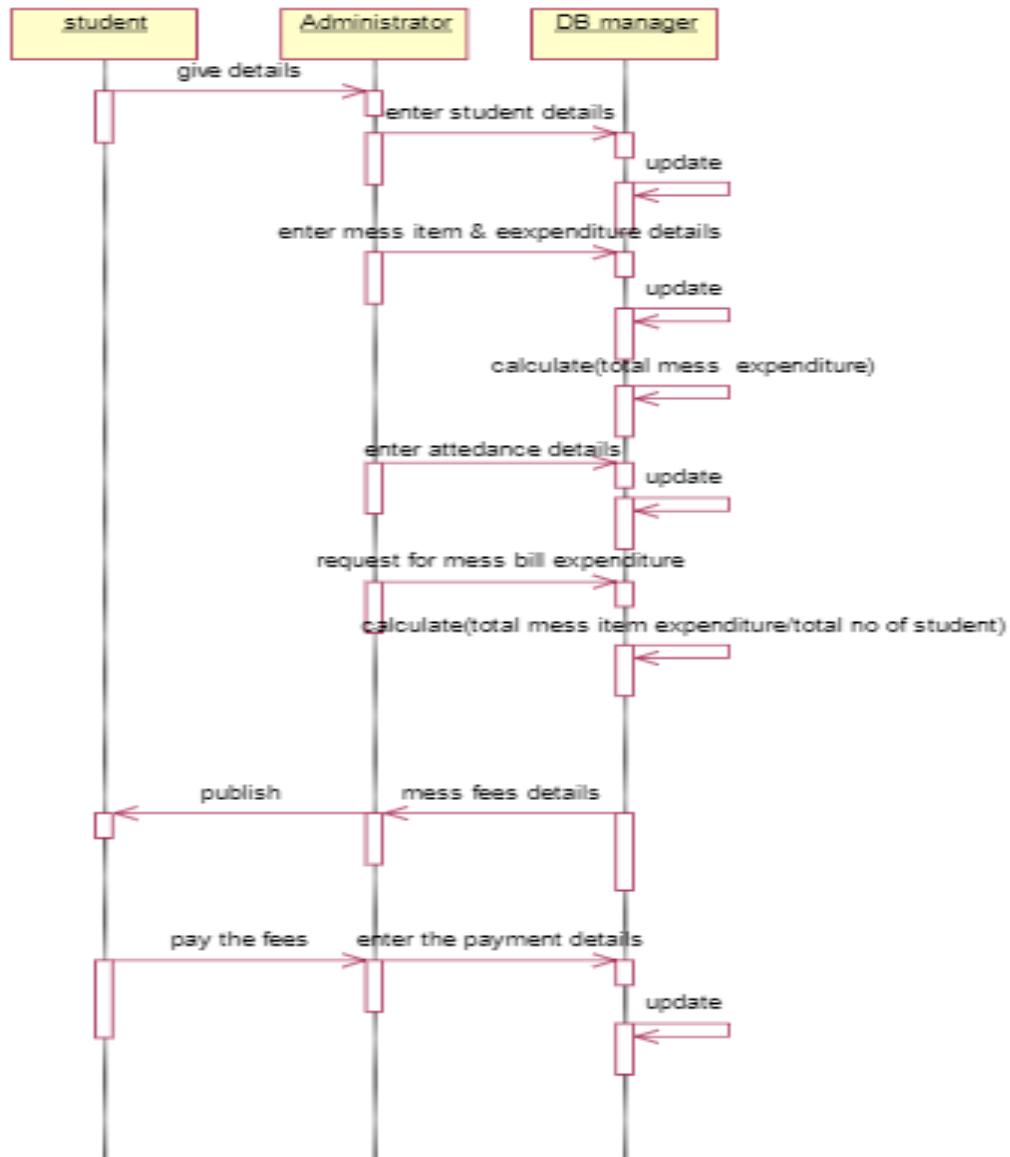


In next diagram, it is shown that first the user are validated by matching their password and are allowed to view the students residing in the particular block only if they are either Admin or Registered User.



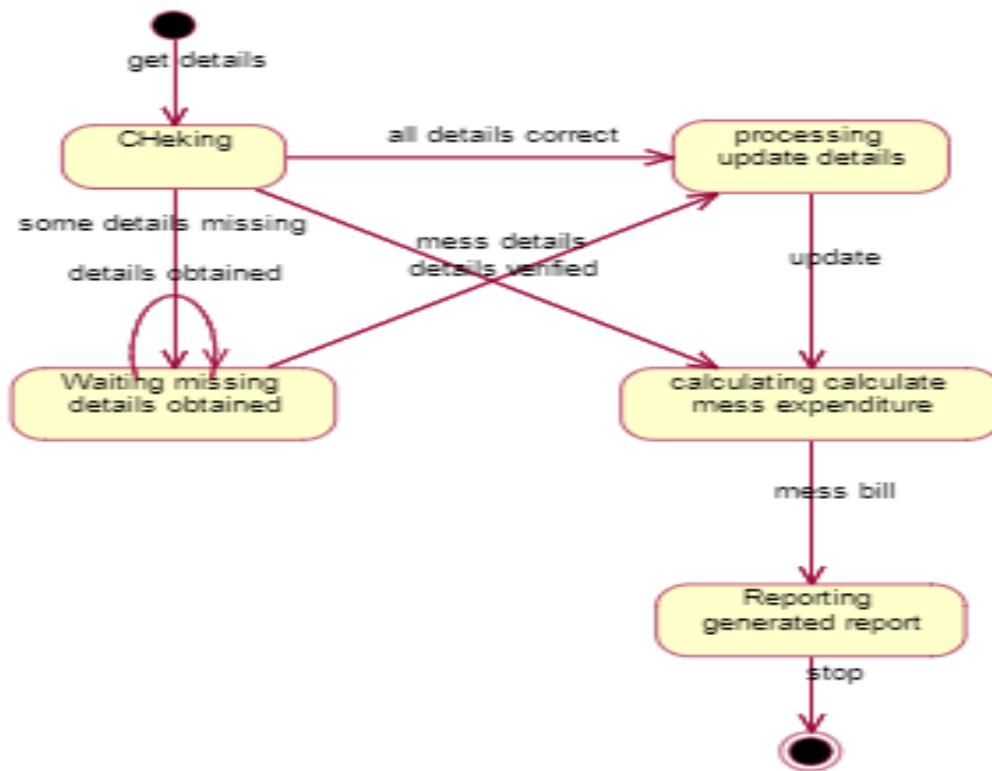
Sequence Diagram

:
Sequence diagram shows an interaction arranged in a time sequence . it is an alternate way to understand the overall flow of the control of the system program.



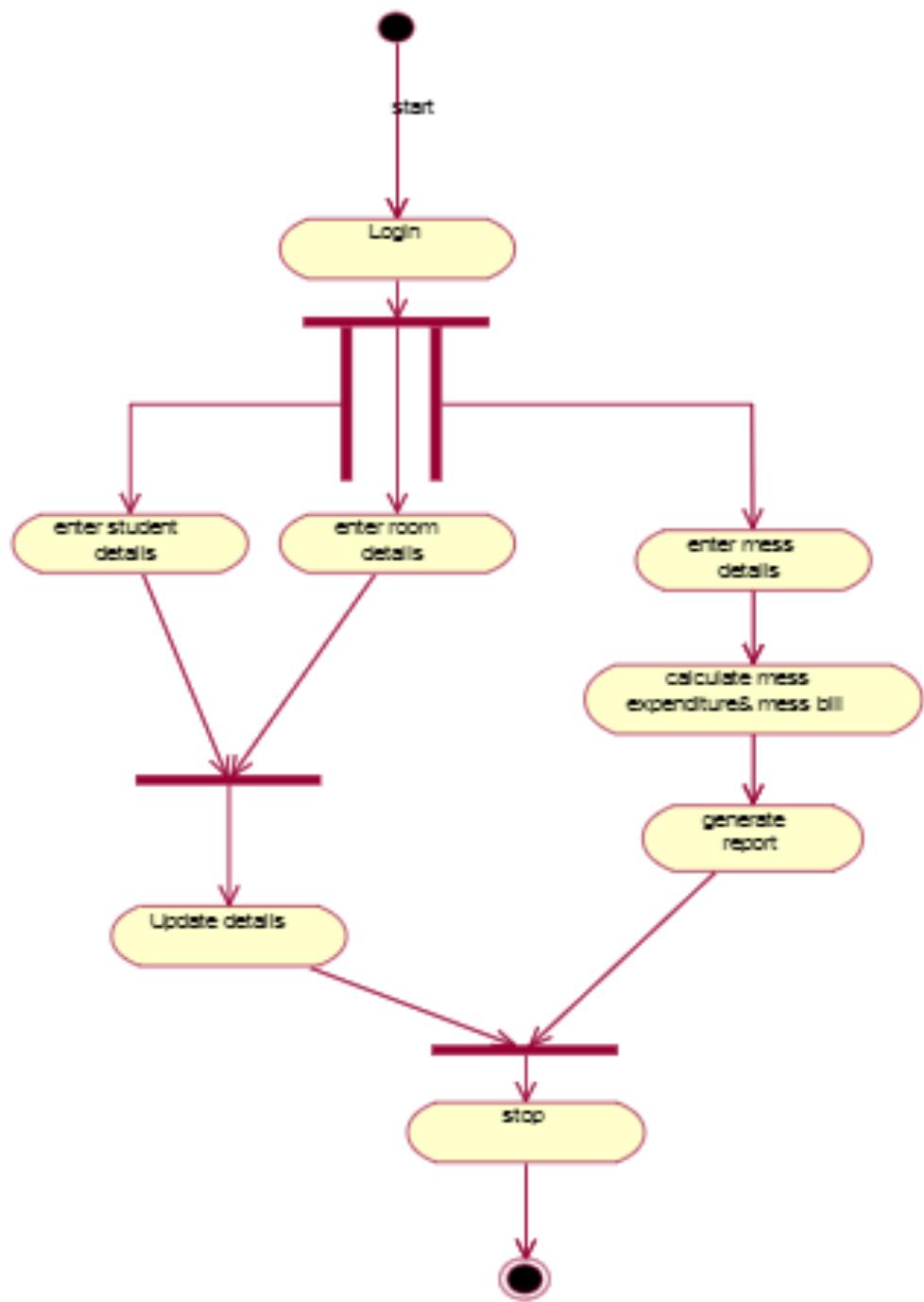
State Diagram:

State diagram are a familiar technique to describe the behaviour of a system. They describe all of the possible states that a particular object can get into and how the object's state changes as a result of events that reach the object.



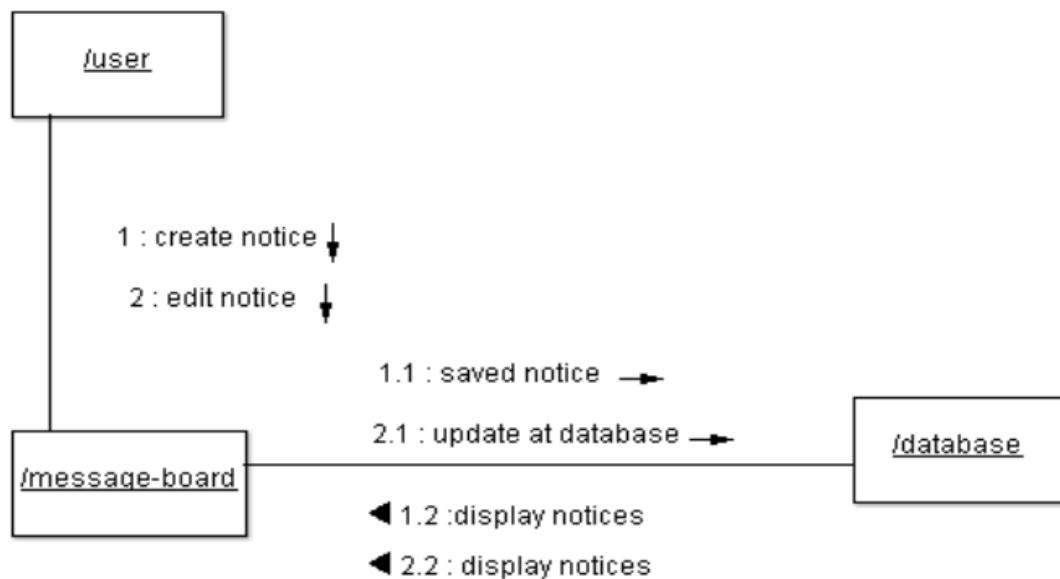
Activity Diagram:

It describes the sequence of activity it supports for the conditional and parallel behaviour. It is a variant of a state diagram in which most of the states are activity states.

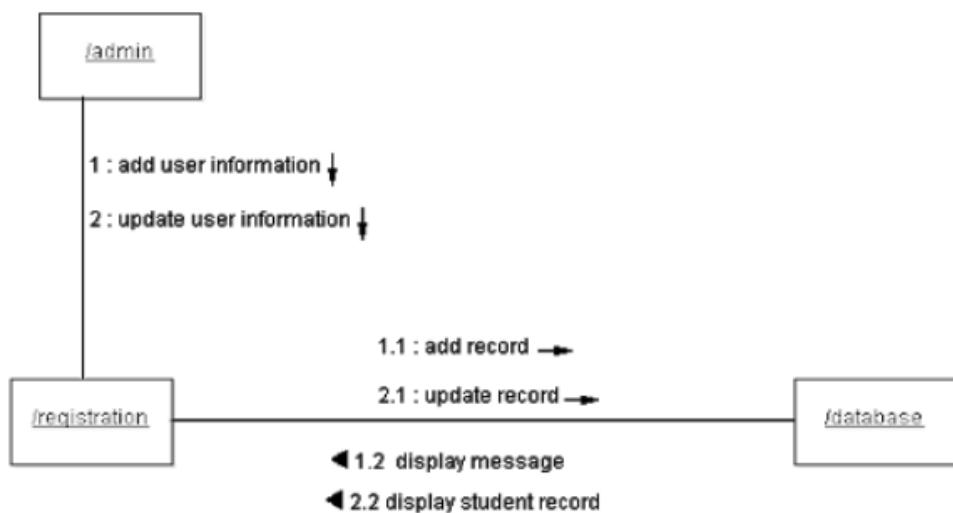


Collaboration Diagrams

The following collaboration diagram models the message posting process by a student or by the admin.

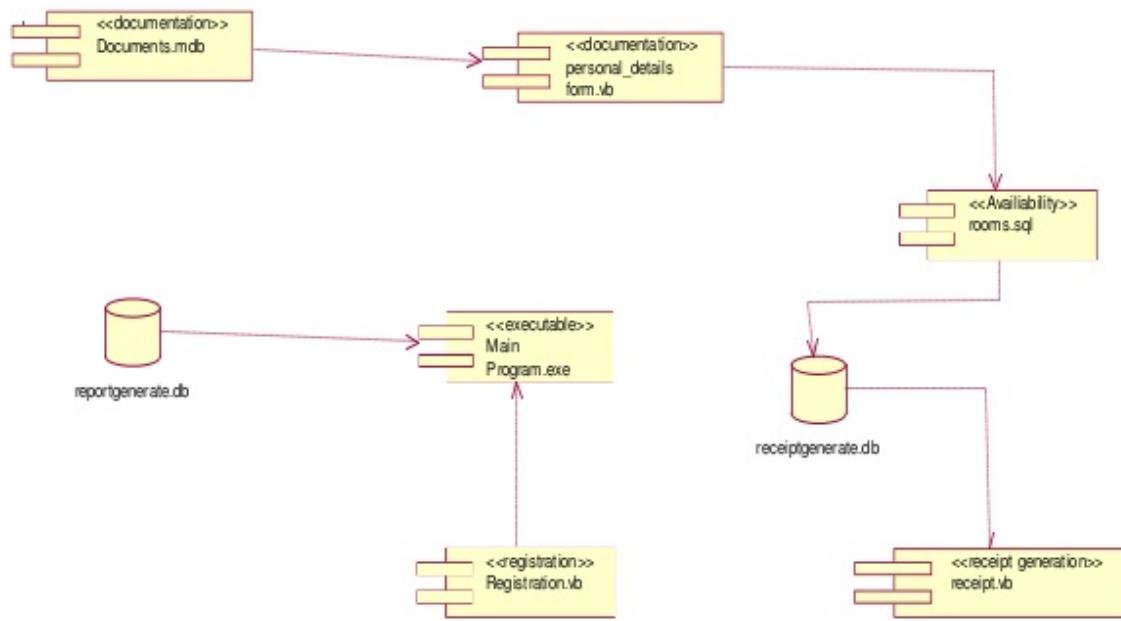


Next, the following collaboration diagram is for the new user insertion and information update of the students.



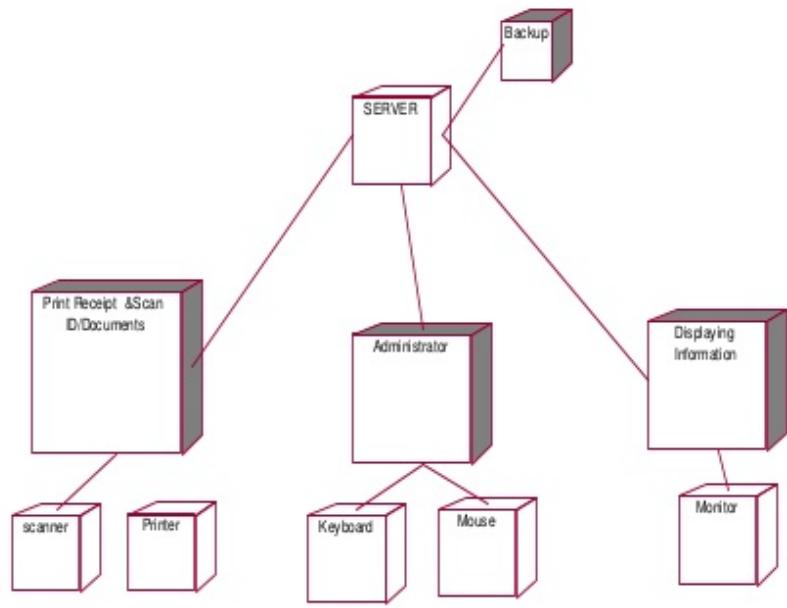
Component diagram:

A component diagram, also known as a UML component diagram, describes the organization and wiring of the physical components in a system. ... In the first version of UML, components included in these diagrams were physical: documents, database table, files, and executables, all physical elements with a location.



Deployment diagram:

A UML deployment diagram is a diagram that shows the configuration of run time processing nodes and the components that live on them. Deployment diagrams is a kind of structure diagram used in modeling the physical aspects of an object-oriented system.



System

Implementation And

Testing

SYSTEM IMPLEMENTATION

Implementation is the stage in the project where the theoretical design is turned into a working system and is giving confidence on the new system for the users that it will work efficiently and effectively. It involves careful planning, investigation of the current system and its constraints on implementation, design of methods to achieve the change over, an evaluation of change over methods. Apart from planning major task of preparing the implementation are education and training of users. The implementation process begins with preparing a plan for the implementation of the system. According to this plan, the activities are to be carried out, discussions made regarding the equipment and resources and the additional equipment has to be acquired to implement the new system. In network backup system no additional resources are needed. Implementation is the final and the most important phase. The most critical stage in achieving a successful new system is giving the users confidence that the new system will work and be effective. The system can be implemented only after thorough testing is done and if it is found to be working according to the specification. This method also offers the greatest security since the old system can take over if the errors are found or inability to handle certain type of transactions while using the new system.

SOFTWARE CONFIGURATION

A major element in building a system is the section of compatible software since the software in the market is experiencing in geometric progression. Selected software should be acceptable by the firm and one user as well as it should be feasible for the system. This document gives a detailed description of the software requirement specification. The study of requirement specification is focused specially on the functioning of the system. It allow the developer or analyst to understand the system, function to be carried out the performance level to be obtained and corresponding interfaces to be established.

- WAMP
- XAMPP
- MAMP
- LAMP

HARDWARE CONFIGURATION

The section of hardware configuration is an important task related to the software development insufficient random access memory may affect adversely on the speed and efficiency of the entire system. The process should be powerful to handle the entire operations. The hard disk should have sufficient capacity to store the file and application.

Processor :Pentium IV and above

Processor speed : 1.4 GHz Onwards

System memory : 128 Mb minimum 256 Mb recommended

Cache size : 512 KB

RAM : 512 MB(Minimum)

Network card : Any card can provide a 100mbps speed

Network connection : UTP or Coaxile cable connection

Printer : Inkjet/Laser Color printer provides at least 1000 Dpi

Hard disk : 80Gb

Monitor : SVGA Color 15"

Mouse : 104 keys US Key Serial, USB or PS/2

Modem : 56.6 Kbps

System Testing

As the part of system testing we execute the program with the intent of finding errors and missing operations and also a complete verification to determine whether the objectives are met and the user requirements are satisfied. The ultimate aim is quality assurance. Tests are carried out and the results are compared with the expected document. In the case of erroneous results, debugging is done. Using detailed testing strategies a test plan is carried out on each module. The various tests performed are unit testing, integration testing and user acceptance testing.

Unit Testing

The software units in the system are modules and routines that are assembled and integrated to perform a specific function. As a part of unit testing we executed the program for individual modules independently. This enables, to detect errors in coding and logic that are contained within each of the three module. This testing includes entering data that is filling forms and ascertaining if the value matches to the type and entered into the database. The various controls are tested to ensure that each performs its action as required.

Integration Testing

Data can be lost across any interface, one module can have an adverse effect on another, subfunctions when combined, may not produce the desired major functions. Integration testing is a systematic testing to discover errors associated within the interface. The objective is to take unit tested modules and build a program structure. All the modules are combined and tested as a whole. Here the admin module, sec module and student module options are integrated and tested. This testing provides the assurance that the application is well integrated functional unit with smooth transition of data.

User Acceptance Testing

User acceptance of a system is the key factor for the success of any system. The system under consideration is tested for user acceptance by constantly keep the records of applicants and making changes to the details and password whenever required.

source code

ADMIN PROFILE

```
<?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'];
$update=date('Y-m-d');
$query="update admin set email=? , updatation_date=? where id=?";
$stmt = $mysqli->prepare($query);
$rc=$stmt->bind_param('ssi',$email,$update,$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'];
$update=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,$update,$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">
```



```
<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>
```

REGISTRATION

```
<?php
session_start();
include('includes/config.php');
include('includes/checklogin.php');
check_login();
//code for registration
if($_POST['submit'])
{
$roomno=$_POST['room'];
$seater=$_POST['seater'];
$feespm=$_POST['fpm'];
$foodstatus=$_POST['foodstatus'];
$stayfrom=$_POST['stayf'];
$duration=$_POST['duration'];
$course=$_POST['course'];
$regno=$_POST['regno'];
$fname=$_POST['fname'];
$mname=$_POST['mname'];
$lname=$_POST['lname'];
$gender=$_POST['gender'];
```

```

$contactno=$_POST['contact'];
$emailid=$_POST['email'];
$emcntno=$_POST['econtact'];
$gurname=$_POST['gname'];
$gurrelation=$_POST['grelation'];
$gurcntno=$_POST['gcontact'];
$caddress=$_POST['address'];
$ccity=$_POST['city'];
$cstate=$_POST['state'];
$cpincode=$_POST['pincode'];
$paddress=$_POST['paddress'];
$pcity=$_POST['pcity'];
$pstate=$_POST['pstate'];
$ppincode=$_POST['ppincode'];
$query="insert into
registration(roomno,seater,feespm,foodstatus,stayfrom,duration,course,regno,firstName,middleName,la
stName,gender,contactno,emailid,egycontactno,guardianName,guardianRelation,guardianContactno,cor
resAddress,corresCity,corresState,corresPincode,pmntAddress,pmntCity,pmnatetState,pmntPincode)
values(?,?,?,?,?,?,?,?,?,?,?,?,?,?,?,?,?,?,?,?);";
$stmt = $mysqli->prepare($query);
$rc=$stmt->bind_param('iiisissssisssssi',$roomno,$seater,$feespm,$foodstatus,$stayfrom,
$duration,$course,$regno,$fname,$mname,$lname,$gender,$contactno,$emailid,$emcntno,$gurname,
$gurrelation,$gurcntno,$caddress,$ccity,$cstate,$cpincode,$paddress,$pcity,$pstate,$ppincode);
$stmt->execute();
$stmt->close();

$query1="insert into
userregistration(regNo,firstName,middleName,lastName,gender,contactNo,email,password)
values(?,?,?,?,?,?,?,?,?)";
$stmt1= $mysqli->prepare($query1);
$stmt1->bind_param('ssssss',$regno,$fname,$mname,$lname,$gender,$contactno,$emailid,
$contactno);

```

```
$stmt1->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>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>

function getSeater(val) {

$.ajax({
```

```
type: "POST",
url: "get_seater.php",
data:'roomid='+val,
success: function(data){
//alert(data);
$('#seater').val(data);
}
});

$.ajax({
type: "POST",
url: "get_seater.php",
data:'rid='+val,
success: function(data){
//alert(data);
$('#fpm').val(data);
}
});
}

</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">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="" class="form-horizontal">

<div class="form-group">
    <label class="col-sm-4 control-label"><h4 style="color: green" align="left">Room Related info </h4> </label>
</div>

<div class="form-group">
    <label class="col-sm-2 control-label">Room no. </label>
    <div class="col-sm-8">
        <select name="room" id="room" class="form-control" onChange="getSeater(this.value);"
onBlur="checkAvailability()" required>
            <option value="">Select Room</option>
            <?php $query ="SELECT * FROM rooms";
$stmt2 = $mysqli->prepare($query);
$stmt2->execute();
$res=$stmt2->get_result();
while($row=$res->fetch_object())
{

```

```
?>

<option value=<?php echo $row->room_no;?>> <?php echo $row->room_no;?></option>
<?php } ?>
</select>

<span id="room-availability-status" style="font-size:12px;"></span>

</div>
</div>

<div class="form-group">
<label class="col-sm-2 control-label">Seater</label>
<div class="col-sm-8">
<input type="text" name="seater" id="seater" class="form-control" >
</div>
</div>

<div class="form-group">
<label class="col-sm-2 control-label">Fees Per Month</label>
<div class="col-sm-8">
<input type="text" name="fpm" id="fpm" class="form-control" >
</div>
</div>

<div class="form-group">
<label class="col-sm-2 control-label">Food Status</label>
<div class="col-sm-8">
<input type="radio" value="0" name="foodstatus" checked="checked"> Without Food
<input type="radio" value="1" name="foodstatus"> With Food(Rs 2000.00 Per Month Extra)
</div>
</div>
```

```
<div class="form-group">
  <label class="col-sm-2 control-label">Stay From</label>
  <div class="col-sm-8">
    <input type="date" name="stayf" id="stayf" class="form-control" >
  </div>
</div>

<div class="form-group">
  <label class="col-sm-2 control-label">Duration</label>
  <div class="col-sm-8">
    <select name="duration" id="duration" class="form-control">
      <option value="">Select Duration in Month</option>
      <option value="1">1</option>
      <option value="2">2</option>
      <option value="3">3</option>
      <option value="4">4</option>
      <option value="5">5</option>
      <option value="6">6</option>
      <option value="7">7</option>
      <option value="8">8</option>
      <option value="9">9</option>
      <option value="10">10</option>
      <option value="11">11</option>
      <option value="12">12</option>
    </select>
  </div>
</div>
```

```
<div class="form-group">
<label class="col-sm-2 control-label"><h4 style="color: green" align="left">Personal info </h4> </label>
</div>

<div class="form-group">
<label class="col-sm-2 control-label">course </label>
<div class="col-sm-8">
<select name="course" id="course" class="form-control" required>
<option value="">Select Course</option>
<?php $query ="SELECT * FROM courses";
$stmt2 = $mysqli->prepare($query);
$stmt2->execute();
$res=$stmt2->get_result();
while($row=$res->fetch_object())
{
?>
<option value="<?php echo $row->course_fn;?>"><?php echo $row->course_fn;?>&nbsp;&nbsp;(<?php echo $row->course_sn;?>)</option>
<?php } ?>
</select> </div>
</div>

<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" >
</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" required="required">
</div>
</div>

<div class="form-group">
<label class="col-sm-2 control-label">Emergency Contact: </label>
<div class="col-sm-8">
<input type="text" name="econtact" id="econtact" class="form-control" required="required">
</div>
</div>

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

```
</div>
```

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

```
<div class="form-group">
<label class="col-sm-2 control-label">Guardian Contact no : </label>
<div class="col-sm-8">
<input type="text" name="gcontact" id="gcontact" class="form-control" required="required">
</div>
</div>
```

```
<div class="form-group">
<label class="col-sm-3 control-label"><h4 style="color: green" align="left">Correspondense Address </h4> </label>
</div>
```

```
<div class="form-group">
<label class="col-sm-2 control-label">Address : </label>
<div class="col-sm-8">
<textarea rows="5" name="address" id="address" class="form-control" required="required"></textarea>
</div>
</div>
```

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

<div class="form-group">
<label class="col-sm-2 control-label">State </label>
<div class="col-sm-8">
<select name="state" id="state" class="form-control" required>
<option value="">Select State</option>
<?php $query = "SELECT * FROM states";
$stmt2 = $mysqli->prepare($query);
$stmt2->execute();
$res=$stmt2->get_result();
while($row=$res->fetch_object())
{
?>
<option value="<?php echo $row->State;?>"><?php echo $row->State;?></option>
<?php } ?>
</select> </div>
</div>

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

```
<div class="form-group">  
<label class="col-sm-3 control-label"><h4 style="color: green" align="left">Permanent Address </h4> </label>  
</div>
```

```
<div class="form-group">  
<label class="col-sm-5 control-label">Permanent Address same as Correspondense address : </label>  
<div class="col-sm-4">  
<input type="checkbox" name="adcheck" value="1"/>  
</div>  
</div>
```

```
<div class="form-group">  
<label class="col-sm-2 control-label">Address : </label>  
<div class="col-sm-8">  
<textarea rows="5" name="paddress" id="paddress" class="form-control" required="required"></textarea>  
</div>  
</div>
```

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

```
<div class="form-group">
<label class="col-sm-2 control-label">State </label>
<div class="col-sm-8">
<select name="pstate" id="pstate" class="form-control" required>
<option value="">Select State</option>
<?php $query ="SELECT * FROM states";
$stmt2 = $mysqli->prepare($query);
$stmt2->execute();
$res=$stmt2->get_result();
while($row=$res->fetch_object())
{
?>
<option value="<?php echo $row->State;?>"><?php echo $row->State;?></option>
<?php } ?>
</select> </div>
</div>

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

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



```
        $('#ppincode').val( $('#pincode').val() );
    }
```

```
});
```

```
});
```

```
</script>
```

```
<script>
```

```
function checkAvailability() {
```

```
    $("#loaderIcon").show();
```

```
    jQuery.ajax({
```

```
        url: "check_availability.php",
```

```
        data:'roomno='+$("#room").val(),
```

```
        type: "POST",
```

```
        success:function(data){
```

```
            $("#room-availability-status").html(data);
```

```
            $("#loaderIcon").hide();
```

```
        },
```

```
        error:function (){}
```

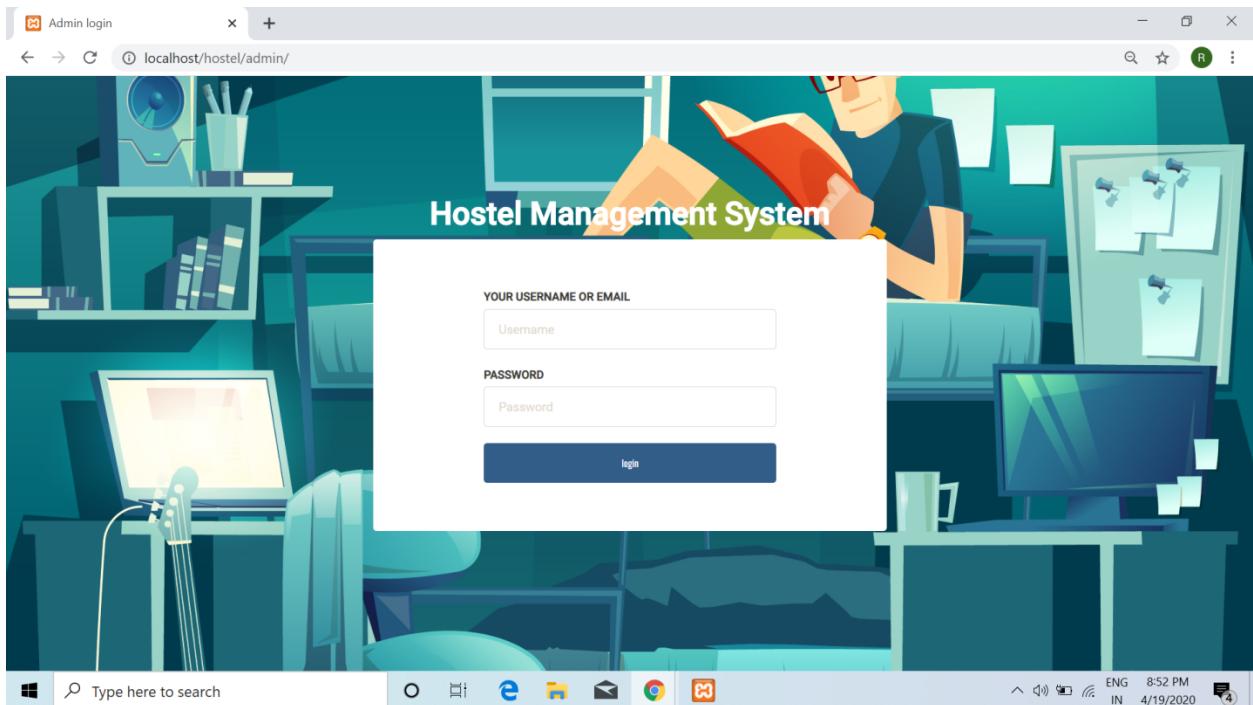
```
    );
```

```
}
```

```
</script>
```

```
</html>
```

SCREENSHOTS OF THE WEBSITE



Dashboard

localhost/hostel/admin/dashboard.php

Hostel Management System

Account

MAIN

Dashboard

Courses

Rooms

Student Registration

Manage Students

User Access logs

Dashboard

9 STUDENTS

FULL DETAIL →

8 TOTAL ROOMS

SEE ALL →

7 TOTAL COURSES

SEE ALL →

Type here to search

8:57 PM
ENG IN 4/19/2020

This screenshot shows the 'Dashboard' page of the Hostel Management System. On the left is a dark sidebar with navigation links for Dashboard, Courses, Rooms, Student Registration, Manage Students, and User Access logs. The main area has three large cards: one for 'STUDENTS' (9), one for 'TOTAL ROOMS' (8), and one for 'TOTAL COURSES' (7). Each card has a 'FULL DETAIL →' or 'SEE ALL →' link below it. At the bottom, there's a search bar and a system status bar showing the time as 8:57 PM, language as ENG, and date as 4/19/2020.

Admin Profile

localhost/hostel/admin/admin-profile.php

Hostel Management System

Account

MAIN

Dashboard

Courses

Rooms

Student Registration

Manage Students

User Access logs

Admin Profile

ADMIN PROFILE DETAILS

Username: admin
Username can't be changed.

Email: anuj.ipu1@gmail.com

Reg Date: 2016-04-05 02:01:45

Cancel Update Profile

CHANGE PASSWORD

old Password:

New Password:

Confirm Password:

Cancel Change Password

Type here to search

8:56 PM
ENG IN 4/19/2020

This screenshot shows the 'Admin Profile' page. It features two main sections: 'ADMIN PROFILE DETAILS' on the left containing fields for Username (admin, note: Username can't be changed), Email (anuj.ipu1@gmail.com), and Reg Date (2016-04-05 02:01:45), with 'Cancel' and 'Update Profile' buttons; and 'CHANGE PASSWORD' on the right with fields for old Password, New Password, and Confirm Password, along with 'Cancel' and 'Change Password' buttons. The page includes a sidebar with standard navigation links and a system status bar at the bottom.

Manage Rooms

localhost/admin/manage-rooms.php

Hostel Management System

Manage Rooms

ALL ROOM DETAILS

Sno.	Seater	Room No.	Fees (PM)	Posting Date	Action
1	2	201	6000	2016-04-12 07:00:47	<input checked="" type="checkbox"/> <input type="checkbox"/>
2	2	200	6000	2016-04-12 07:00:58	<input checked="" type="checkbox"/> <input type="checkbox"/>
3	3	112	4000	2016-04-12 07:01:07	<input checked="" type="checkbox"/> <input type="checkbox"/>
4	5	132	2000	2016-04-12 07:01:15	<input checked="" type="checkbox"/> <input type="checkbox"/>
5	2	1	2000	2020-03-13 10:32:04	<input checked="" type="checkbox"/> <input type="checkbox"/>
6	2	2	2000	2020-03-13 10:42:27	<input checked="" type="checkbox"/> <input type="checkbox"/>
7	3	3	2000	2020-03-13 11:36:59	<input checked="" type="checkbox"/> <input type="checkbox"/>
8	1	22	2000	2020-03-18 10:23:32	<input checked="" type="checkbox"/> <input type="checkbox"/>

Showing 1 to 8 of 8 entries

PREVIOUS 1 NEXT

Type here to search

ENG 8:57 PM IN 4/19/2020

Create Room

localhost/admin/create-room.php

Hostel Management System

Add a Room

ADD A ROOM

Select Seater	Select Seater
Room No.	
Fee(Per Student)	
<input type="button" value="Create Room"/>	

Type here to search

ENG 8:56 PM IN 4/19/2020

Manage Rooms + -

localhost/hostel/admin/manage-students.php

Hostel Management System

Account

MAIN

Dashboard

Courses

Rooms

Student Registration

Manage Students

User Access logs

Manage Registered Students

ALL ROOM DETAILS

Sno.	Student Name	Reg no	Contact no	room no	Seater	Staying From	Action
1	Anujkumar	10806121	8285703354	100	5	2016-04-22	
2	Testtestkumar	108061211	8467067344	100	5	2016-06-17	
3	rahulkumarSingh	102355	6786786786	112	3	2016-06-27	
4	Ajaykumar	586952	8596185625	132	5	2016-06-28	
5	akhilabehara	2147483647	9490791500	2	2	2020-03-12	
6	abc	1234567890	1234567890	2	2	2020-03-09	
7	asishaddanki	2147483647	12356789	3	1	2020-03-03	
8	akhilab behara	111	1234567890	3	1	2020-03-06	
9	akhilab behara	111	1234567890	3	1	2020-03-06	

Show 10 entries Search:

PREVIOUS 1 NEXT

localhost/hostel/admin/access-log.php

Type here to search

ENG 8:57 PM IN 4/19/2020

Student Hostel Registration + -

localhost/hostel/admin/registration.php

Hostel Management System

Account

MAIN

Dashboard

Courses

Rooms

Student Registration

Manage Students

User Access logs

Registration

FILL ALL INFO

Room Related info

Room no.

Seater

Fees Per Month

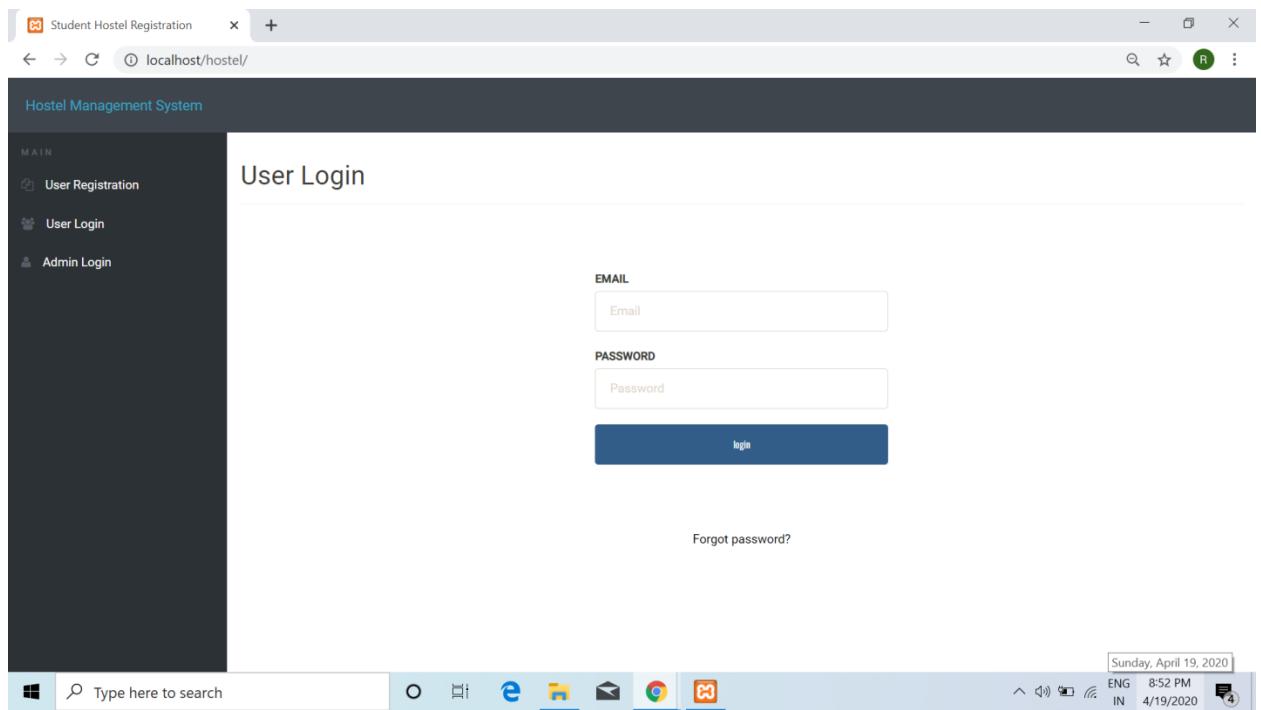
Food Status Without Food With Food(Rs 2000.00 Per Month Extra)

Stay From

Duration

Type here to search

ENG 8:57 PM IN 4/19/2020



User Registration +

localhost/hostel/registration.php

Hostel Management System

Student Registration

FILL ALL INFO

Registration No :	
First Name :	
Middle Name :	
Last Name :	
Gender :	Select Gender
Contact No :	
Email Id:	
Password:	

Windows Type here to search ○ e F M G H

ENG 8:52 PM IN 4/19/2020

localhost / 127.0.0.1 | phpMyAdmin Room Details +

localhost/hostel/room-details.php

Hostel Management System

Rooms Details

ALL ROOM DETAILS

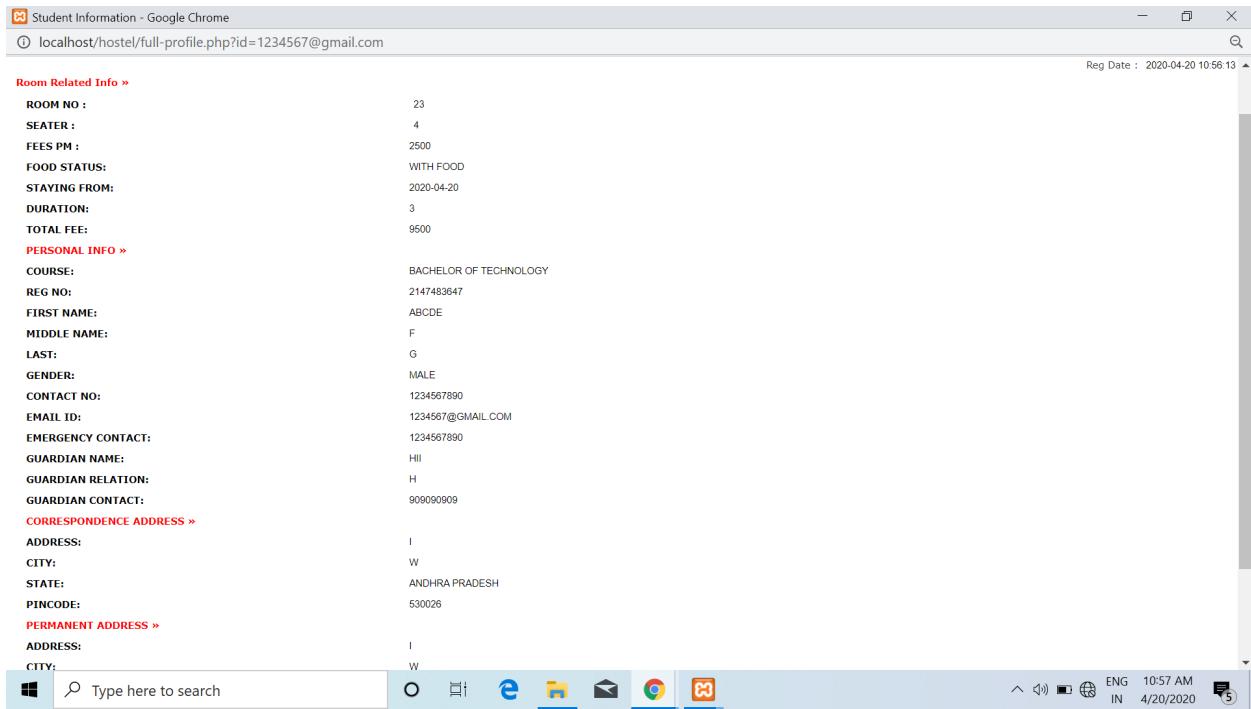
Room Realtd Info						Print Data
Reg no .2020-04-20 10:56:13						
Room no :	23	Seater :	4	Fees PM :	2500	
Food Status:	With Food	Stay From :	2020-04-20	Duration:	3 Months	
Total Fee : 9500						
Personal Info Info						
Reg No. :	2147483647	Full Name :	ABCDEfg	Email :	1234567@gmail.com	
Contact No. :	1234567890	Gender :	male	Course :	Bachelor of Technology	
Emergency Contact No. :	1234567890	Guardian Name :	hii	Guardian Relation :	h	
Guardian Contact No. :	909090909					
Addresses						
Correspondense Address	i w, 530026	Permanent Address	i w, 530026			

Windows Type here to search ○ e F M G H

ENG 10:56 AM IN 4/20/2020

OUTPUT:

The Receipt pdf will be generated. We can print the Receipt.



A screenshot of a Google Chrome browser window displaying a hostel profile form. The title bar shows "Student Information - Google Chrome" and the URL "localhost/hostel/full-profile.php?id=1234567@gmail.com". The page content is as follows:

Room Related Info »	
ROOM NO :	23
SEATER :	4
FEES PM :	2500
FOOD STATUS:	WITH FOOD
STAYING FROM:	2020-04-20
DURATION:	3
TOTAL FEE:	9500
PERSONAL INFO »	
COURSE:	BACHELOR OF TECHNOLOGY
REG NO:	2147483647
FIRST NAME:	ABCDE
MIDDLE NAME:	F
LAST:	G
GENDER:	MALE
CONTACT NO:	1234567890
EMAIL ID:	1234567@GMAIL.COM
EMERGENCY CONTACT:	1234567890
GUARDIAN NAME:	HII
GUARDIAN RELATION:	H
GUARDIAN CONTACT:	909090909
CORRESPONDENCE ADDRESS »	
ADDRESS:	I
CITY:	W
STATE:	ANDHRA PRADESH
PINCODE:	530026
PERMANENT ADDRESS »	
ADDRESS:	I
CTY:	W

The browser toolbar at the bottom includes icons for Back, Forward, Stop, Refresh, Home, and various extensions. The status bar shows "Reg Date : 2020-04-20 10:56:13", "ENG IN 10:57 AM 4/20/2020", and a notification for 5 messages.