

**SIMATS ENGINEERING**

**SAVEETHA INSTITUTE OF MEDICAL AND TECHNICAL  
SCIENCES**

**CAPSTONE PROJECT REPORT**

**ON**

**Hostel Management System**

**Submitted**

**by**

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**Subject – CSA4399 – Internet Programming for Client Server  
Computing**

## **ABSTRACT**

As the name specifies —HOSTEL MANAGEMENT SYSTEM is software developed for managing various activities in the hostel. For the past few years the number of educational institutions is increasing rapidly. Thereby the number of hostels is also increasing for the accommodation of the students studying in 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**

The Hostel Management System is developed in favour of the hostel management team which helps them to save the records of the students about their rooms and their things. It helps them from the manual work from which it is very difficult to find the record of the student and the information about these ones who had help the hostel years before. This solution is developed on the plight of the hostel management team through this they cannot require so efficient person to handle and manage the affairs of the students in the hostel, all you need to do is to login as administrator and you can see the information of all the students who have obtained and registered their hostel form, click verify to ascertainment their elightly and allocate them to the available hostel. We can improve the efficiency of the hostel management, thus overcome the drawbacks of the existing management.

## **OBJECTIVE**

Hostel Management system is the system that manages the student data, staff data, students admission process and create receipt for the fees paid by the student who stay in the hostle and also help in maintaining visitor's messages. This system is designed in favour of the hostel management which helps them to save the records of the students about their rooms. It helps them from the manual work from which it is very difficult to final the record of the students and the mess bills of the students and the information of about the those ones.

## **ADMIN PANEL**

1. Admin Login Admin can login through login form.
2. Admin Profile Admin can manage his own profile. Admin can also change his password
3. Courses Admin can create add course, edit courses and also delete the course
4. Rooms Admin can create rooms and allots seater to particular rooms and assign the fees.
5. Registration Admin can create student profile and allot the rooms
6. Manage the Registration Admin can manage the all the student Profile. Take a print out of all profiles and also delete the profile.
7. Forgot Password Admin can also retrieve the password if admin forgot the password

## **USER PANEL**

1. User Registration - User can register through user registration form
2. User Login - User can login through login form
3. Forgot Password - user can retrieve password through forgot password link
4. User Dashboard
5. User Profile - User can manage own profile
6. Book Hostel – User can book hostel
7. Room Details - Booked Room Details
8. Change Password - User Can change own password
9. User access log - User can watch last login detail

## **REQUIREMENT AND ANALYSIS**

### **SOFTWARE REQUIREMENT SPECIFICATION**

A software requirements specification (SRS) is a detailed description of a software system to be developed with its functional and non-functional requirements. The SRS is developed based the agreement between customer and contractors. It may include the use case of how user is going to interact with software system. The software requirement specification document consistent of all necessary requirements required for project development. To develop the

software system we should have clear understanding of software system. To achieve this we need to continuous communication with customers to gather all requirements.

## **Data Gathering**

Data Gathering is the process of gathering and measuring information on variables of interest, in an established systematic fashion that enables one to answer stated research questions, test hypotheses, and evaluate outcomes. The data collection component of research is common to all fields of study including physical and social sciences, humanities, business, etc. Data gathering techniques used in the (Software Development Lifecycle) SDLC.

## **Feasibility study**

The measure of how beneficial or practical the development of informant system will be to an organization. along this topic feasibility is measured. So far taking the feasibility study and feasibility analysis during the development of the project food Ordering system 14 | P a g e we have studied on the following four major categories of feasibility study.

### **Operational Feasibility**

Operational feasibility is the measure of how well a proposed system solves the problems, and takes advantage of the opportunities identified during scope definition and how it satisfies the requirements identified in the requirements analysis phase of system development.

### **Technical feasibility :**

A technical feasibility study assesses the details of how you intend to deliver a product or service to customers. Think materials, labour, transportation, where your business will be located, and the technology that will be necessary to bring all this together.

**Schedule Feasibility:** Schedule Feasibility is defined as the probability of a project to be completed within its scheduled time limits, by a planned due date. If a project has a high probability to be completed on-time, then its schedule feasibility is appraised as high.

## **Economic feasibility :**

the degree to which the economic advantages of something to be made, done, or achieved are greater than the economic costs: The state commissioned a report on the economic feasibility of a single-payer health system. During the development of food Ordering system . we have tried to address all these feasibility analysis phases seriously . That"s why we think , our project will succeed properly.

## **Hardware Requirement**

1. Pentium IV Processor
2. 512 MB RAM
3. 40GB HDD 4. 1024 \* 768 Resolution Color Monitor

## **Software Requirement:**

1. OS : Windows XP
2. PHP Triad (PHP5.6, MySQL, Apache, and PhpMyAdmin)

## **Justification of Selection of Technology**

### **1 .XAMPP**

XAMPP is a free and open-source cross-platform web server solution stack package developed by Apache Friends, consisting mainly of the Apache HTTP Server, MariaDB database, and interpreters for scripts written in the PHP and Perl programming languages.

### **2. Language HTML :**

Hypertext Markup Language is the standard markup language for documents designed to be displayed in a web browser. It can be assisted technologies such as Cascading Style Sheets and scripting languages such as JavaScript.

## **CSS :**

Cascading Style Sheets (CSS) is a style sheet language used for describing the presentation of a document written in a markup language like HTML. CSS is a cornerstone technology of the World Wide Web, alongside HTML and JavaScript.

## **Bootstrap :**

Bootstrap is a free and open-source CSS framework directed at responsive, mobile-first front-end web development. It contains CSS and JavaScript-based design templates for typography, forms, buttons, modals navigation, and other interface components

## **JavaScript :**

JavaScript is a programming language that conforms to the ECMAScript specification. JavaScript is high-level, often just-in-time compiled, and multi-paradigm. It has curly-bracket syntax, dynamic typing, prototype-based objectorientation, and first-class functions.

## **PHP :**

Php is a server side scripting language. that is used to develop Static websites or Dynamic websites or Web applications. PHP stands for Hypertext Pre-processor, that earlier stood for Personal Home Pages. PHP scripts can only be interpreted on a server that has PHP installed

## **CODING:**

### **Login.php**

```
<?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'];
$semtcntno=$_POST['econtact'];
$gurname=$_POST['gname'];
$gurrelation=$_POST['grelation'];
$gurcntno=$_POST['gcontact'];
$scaddress=$_POST['address'];
$ccity=$_POST['city'];
$scstate=$_POST['state'];
$cpincode=$_POST['pincode'];
$padress=$_POST['paddress'];
$pcity=$_POST['pcity'];
$psstate=$_POST['pstate'];
$ppincode=$_POST['ppincode'];

$query="insert
into registration(roomno,seater,feespm,foodstatus,stayfrom,duration,course,regno,first
Name,middleName,lastName,gender,contactno,emailid,egycontactno,guardianName,gu
ardianRelation,guardianContactno,corresAddress,corresCIty,corresState,corresPincode
,pmntAddress,pmntCity,pmntatetState,pmntPincode)
values(?,?,?,?,?,?,?,?,?,?,?,?,?,?,?,?,?,?,?,?,?,?,?,?,?);

$stmt = $mysqli->prepare($query);

$rc=$stmt-
>bind_param('iiiiisissississississisi',$roomno,$seater,$feespm,$foodstatus,$stayfrom,$
duration,$course,$regno,$fname,$mname,$lname,$gender,$contactno,$emailid,$semtcntn
o,$gurname,$gurrelation,$gurcntno,$scaddress,$ccity,$scstate,$cpincode,$padress,$pcity
,$psstate,$ppincode);

```

```
$stmt->execute();
```

```
$stmt->close();
```

```
$query1="insert  
into userregistration(regNo,firstName,middleName,lastName,gender,contactNo,email,p  
assword) values(?,?,?,?,?,?,?,?)";
```

```
$stmt1= $mysqli->prepare($query1);
```

```
$stmt1-
```

```
>bind_param('ssssiss',$regno,$fname,$mname,$lname,$gender,$contactno,$emailid,$c  
ontactno);
```

```
$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">Correspondence 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 Correspondence
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">
```



```

        if($(this).prop("checked") == true){
            $('#paddress').val( $('#address').val() );
            $('#pcity').val( $('#city').val() );
            $('#pstate').val( $('#state').val() );
            $('#ppincode').val( $('#pincode').val() );
        }

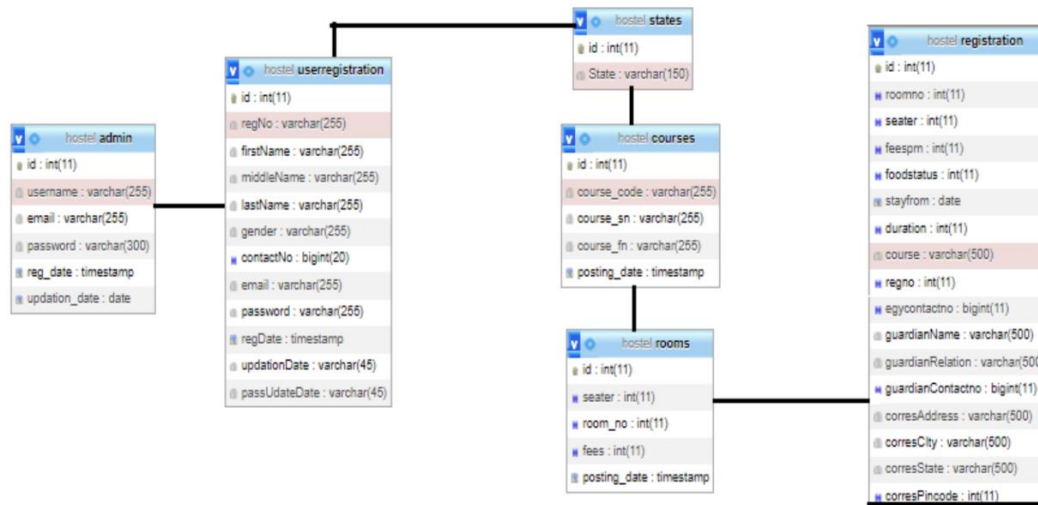
    });

});

</script>
<script>
function checkAvailability() {
    $("#loaderIcon").show();
    jQuery.ajax({
        url: "check_availability.php",
        data:'roomno='+$("#room").val(),
        type: "POST",
        success:function(data){
            $("#room-availability-status").html(data);
            $("#loaderIcon").hide();
        },
        error:function (){}
    });
}
</script>
</html>

```

# DATABASE NORMALIZATION



## DATABASE:

phpMyAdmin

Server: localhost - Database: hostel

Table structure | SQL | Search | Insert | Export | Import | Privileges | Operations | Tracking | Triggers

Table structure

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	id	int(11)			No	None		AUTO_INCREMENT	Change Drop More
2	regNo	varchar(255)	latin1_swedish_ci		Yes	NULL			Change Drop More
3	firstName	varchar(255)	latin1_swedish_ci		Yes	NULL			Change Drop More
4	middleName	varchar(255)	latin1_swedish_ci		Yes	NULL			Change Drop More
5	lastName	varchar(255)	latin1_swedish_ci		Yes	NULL			Change Drop More
6	gender	varchar(255)	latin1_swedish_ci		Yes	NULL			Change Drop More
7	contactNo	bigint(20)			Yes	NULL			Change Drop More
8	email	varchar(255)	latin1_swedish_ci		Yes	NULL			Change Drop More
9	password	varchar(255)	latin1_swedish_ci		Yes	NULL			Change Drop More
10	regDate	timestamp			Yes	current_timestamp()			Change Drop More
11	updateDate	varchar(45)	latin1_swedish_ci		Yes	NULL			Change Drop More
12	passUpdateDate	varchar(45)	latin1_swedish_ci		Yes	NULL			Change Drop More

Check all With selected Browse Change Drop Primary Unique Index Spatial Fulltext Add to central columns Remove from central columns

Print Propose table structure Track table Move columns Normalize

column(s) after passUpdateDate Go

phpMyAdmin

Recent Favorites

- New
- hostel
- New
- admin
- adminlog
- courses
- registration
- rooms
- states
- userlog
- userregistration
- information\_schema
- mysql
- performance\_schema
- phpmyadmin
- test

Server: 127.0.0.1 Database: hostel Table: userlog

Table structure Relation view

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	id	int(11)			No	None		AUTO_INCREMENT	Change Drop More
2	userid	int(11)			No	None			Change Drop More
3	userEmail	varchar(255)	latin1_swedish_ci		No	None			Change Drop More
4	userip	varbinary(16)			No	None			Change Drop More
5	city	varchar(255)	latin1_swedish_ci		No	None			Change Drop More
6	country	varchar(255)	latin1_swedish_ci		No	None			Change Drop More
7	loginTime	timestamp			No	current_timestamp()			Change Drop More

Check all With selected: Browse Change Drop Primary Unique Index Spatial Fulltext Add to central columns Remove from central columns

Print Propose table structure Track table Move columns Normalize

Add 1 column(s) after loginTime Go

Indexes

Action	Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
Edit Rename Drop	PRIMARY	BTREE	Yes	No	id	0	A	No	

Create an index on 1 columns Go

localhost/ohomvadmin/index.php?route=/table/structure&db=hostel&table=use...

phpMyAdmin

Recent Favorites

- New
- hostel
- New
- admin
- adminlog
- courses
- registration
- rooms
- states
- userlog
- userregistration
- information\_schema
- mysql
- performance\_schema
- phpmyadmin
- test

Server: 127.0.0.1 Database: hostel Table: state

Table structure Relation view

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	id	int(11)			No	None		AUTO_INCREMENT	Change Drop More
2	State	varchar(150)	latin1_swedish_ci		Yes	NULL			Change Drop More

Check all With selected: Browse Change Drop Primary Unique Index Spatial Fulltext Add to central columns Remove from central columns

Print Propose table structure Track table Move columns Normalize

Add 1 column(s) after State Go

Indexes

Action	Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
Edit Rename Drop	PRIMARY	BTREE	Yes	No	id	36	A	No	

Create an index on 1 columns Go

Partitions

No partitioning defined!

Partition table

Information

phpMyAdmin

Recent Favorites

- New
- hostel
- New
- admin
- adminlog
- courses
- registration
- rooms
- states
- userlog
- userregistration
- information\_schema
- mysql
- performance\_schema
- phpmyadmin
- test

Server: 127.0.0.1 Database: hostel Table: room

Table structure Relation view

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	id	int(11)			No	None		AUTO_INCREMENT	Change Drop More
2	seater	int(11)			Yes	NULL			Change Drop More
3	room_no	int(11)			Yes	NULL			Change Drop More
4	fees	int(11)			Yes	NULL			Change Drop More
5	posting_date	timestamp			Yes	current_timestamp()			Change Drop More

Check all With selected: Browse Change Drop Primary Unique Index Spatial Fulltext Add to central columns Remove from central columns

Print Propose table structure Track table Move columns Normalize

Add 1 column(s) after posting\_date Go

Indexes

Action	Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
Edit Rename Drop	PRIMARY	BTREE	Yes	No	id	5	A	No	
Edit Rename Drop	room_no	BTREE	No	No	room_no	5	A	Yes	

Create an index on 1 columns Go

Partitions

No partitioning defined!

phpMyAdmin

Server: 127.0.0.1 - Database: hostel - Table: registration

Recent Favorites

New

- hostel
  - New
  - admin
  - adminlog
  - courses
  - registration
  - rooms
  - states
  - userlog
  - userregistration
- information\_schema
- mysql
- performance\_schema
- phpmyadmin
- test

<input type="checkbox"/>	15	emailid	varchar(500)	latin1_swedish_ci	Yes	NULL		Change	Drop
<input type="checkbox"/>	16	egyocontactno	bigint(11)		Yes	NULL		Change	Drop
<input type="checkbox"/>	17	guardianName	varchar(500)	latin1_swedish_ci	Yes	NULL		Change	Drop
<input type="checkbox"/>	18	guardianRelation	varchar(500)	latin1_swedish_ci	Yes	NULL		Change	Drop
<input type="checkbox"/>	19	guardianContactno	bigint(11)		Yes	NULL		Change	Drop
<input type="checkbox"/>	20	corresAddress	varchar(500)	latin1_swedish_ci	Yes	NULL		Change	Drop
<input type="checkbox"/>	21	corresCity	varchar(500)	latin1_swedish_ci	Yes	NULL		Change	Drop
<input type="checkbox"/>	22	corresState	varchar(500)	latin1_swedish_ci	Yes	NULL		Change	Drop
<input type="checkbox"/>	23	corresPincode	int(11)		Yes	NULL		Change	Drop
<input type="checkbox"/>	24	pmntAddress	varchar(500)	latin1_swedish_ci	Yes	NULL		Change	Drop
<input type="checkbox"/>	25	pmntCity	varchar(500)	latin1_swedish_ci	Yes	NULL		Change	Drop
<input type="checkbox"/>	26	pmntState	varchar(500)	latin1_swedish_ci	Yes	NULL		Change	Drop
<input type="checkbox"/>	27	pmntPincode	int(11)		Yes	NULL		Change	Drop
<input type="checkbox"/>	28	postingDate	timestamp		Yes	current_timestamp()		Change	Drop
<input type="checkbox"/>	29	updateDate	varchar(500)	latin1_swedish_ci	Yes	NULL		Change	Drop

Check all With selected Browse Change Drop Primary Unique Index Spatial Fulltext Add to central columns Remove from central columns

phpMyAdmin

Server: 127.0.0.1 - Database: hostel - Table: registration

Recent Favorites

New

- hostel
  - New
  - admin
  - adminlog
  - courses
  - registration
  - rooms
  - states
  - userlog
  - userregistration
- information\_schema
- mysql
- performance\_schema
- phpmyadmin
- test

Table structure Relation view

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/>	1	id	int(11)		No	None		AUTO_INCREMENT	Change Drop More
<input type="checkbox"/>	2	roomno	int(11)		Yes	NULL			Change Drop More
<input type="checkbox"/>	3	seater	int(11)		Yes	NULL			Change Drop More
<input type="checkbox"/>	4	feespm	int(11)		Yes	NULL			Change Drop More
<input type="checkbox"/>	5	foodstatus	int(11)		Yes	NULL			Change Drop More
<input type="checkbox"/>	6	stayfrom	date		Yes	NULL			Change Drop More
<input type="checkbox"/>	7	duration	int(11)		Yes	NULL			Change Drop More
<input type="checkbox"/>	8	course	varchar(500)	latin1_swedish_ci	Yes	NULL			Change Drop More
<input type="checkbox"/>	9	regno	int(11)		Yes	NULL			Change Drop More
<input type="checkbox"/>	10	firstName	varchar(500)	latin1_swedish_ci	Yes	NULL			Change Drop More
<input type="checkbox"/>	11	middleName	varchar(500)	latin1_swedish_ci	Yes	NULL			Change Drop More
<input type="checkbox"/>	12	lastName	varchar(500)	latin1_swedish_ci	Yes	NULL			Change Drop More
<input type="checkbox"/>	13	gender	varchar(250)	latin1_swedish_ci	Yes	NULL			Change Drop More
<input type="checkbox"/>	14	contactno	bigint(11)		Yes	NULL			Change Drop More
<input type="checkbox"/>	15	emailid	varchar(500)	latin1_swedish_ci	Yes	NULL			Change Drop More

Console

phpMyAdmin

Server: 127.0.0.1 - Database: hostel - Table: course

Recent Favorites

New

- hostel
  - New
  - admin
  - adminlog
  - courses
  - registration
  - rooms
  - states
  - userlog
  - userregistration
- information\_schema
- mysql
- performance\_schema
- phpmyadmin
- test

Table structure Relation view

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/>	1	id	int(11)		No	None		AUTO_INCREMENT	Change Drop More
<input type="checkbox"/>	2	course_code	varchar(255)	latin1_swedish_ci	Yes	NULL			Change Drop More
<input type="checkbox"/>	3	course_sn	varchar(255)	latin1_swedish_ci	Yes	NULL			Change Drop More
<input type="checkbox"/>	4	course_fn	varchar(255)	latin1_swedish_ci	Yes	NULL			Change Drop More
<input type="checkbox"/>	5	posting_date	timestamp		Yes	current_timestamp()			Change Drop More

Check all With selected Browse Change Drop Primary Unique Index Spatial Fulltext Add to central columns Remove from central columns

Print Propose table structure Track table Move columns Normalize

Add 1 column(s) after posting\_date Go

Indexes

Action	Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
Edit	PRIMARY	STREE	Yes	No	id	7	A	No	

Create an index on 1 column(s) Go

Partitions

No partitioning defined!

Partition table

Information

Space usage Row statistics



phpMyAdmin

Server: 127.0.0.1 Database: hostel Table: admin

Table structure Relation view

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	id	int(11)			No	None			Change Drop More
2	adminid	int(11)			No	None			Change Drop More
3	ip	varchar(15)			No	None			Change Drop More
4	logintime	timestamp			No	current_timestamp()			Change Drop More

☐ Check all
 ☐ With selected

Add 1 column(s) after logintime

Indexes

No index defined

Create an index on 1 columns

Partitions

No partitioning defined

Partition table

Information

Space usage

Data 16.0 KB

Index 0 B

Format dynamic

Collation latin1\_swedish\_ci

Next autoindex 0

phpMyAdmin

Server: 127.0.0.1 Database: hostel Table: admin

Table structure Relation view

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	id	int(11)			No	None		AUTO_INCREMENT	Change Drop More
2	username	varchar(255)	latin1_swedish_ci		No	None			Change Drop More
3	email	varchar(255)	latin1_swedish_ci		No	None			Change Drop More
4	password	varchar(300)	latin1_swedish_ci		No	None			Change Drop More
5	reg_date	timestamp			No	current_timestamp()			Change Drop More
6	update_date	date			No	None			Change Drop More

☐ Check all
 ☐ With selected

Add 1 column(s) after update\_date

Indexes

Action	Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
<input type="button" value="Edit"/> <input type="button" value="Rename"/> <input type="button" value="Drop"/>	PRIMARY	BTREE	Yes	No	id	0	A	No	

Create an index on 1 columns

Partitions

No partitioning defined

Partition table

Information

Console

## OUTPUT DESIGN:

### User Signup

Hostel Management System

USER

User Registration

User Login

Admin Login

Student Registration

FILL ALL INFO

Registration No :

First Name :

Middle Name :

Last Name :

Gender :

Select Gender ▼

Contact No :

Email Id:

Password:

Confirm Password :

Cancel

Register

### User Signin

Hostel Management System

USER

User Registration

User Login

Admin Login

User Login

EMAIL

Email

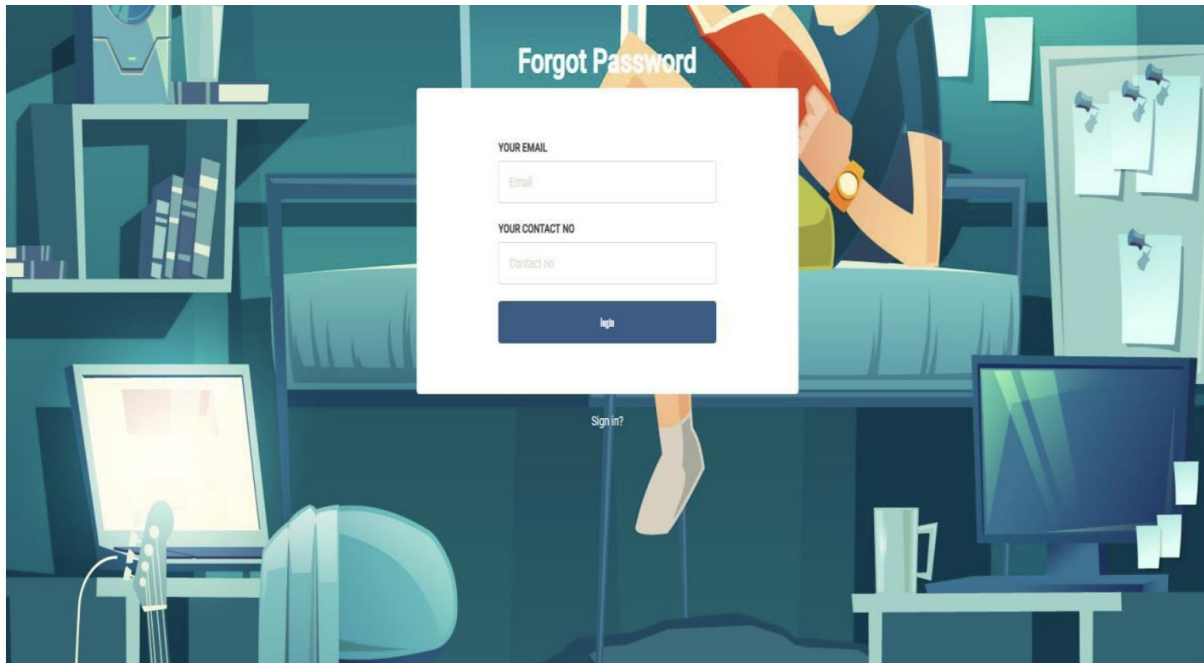
PASSWORD

Password

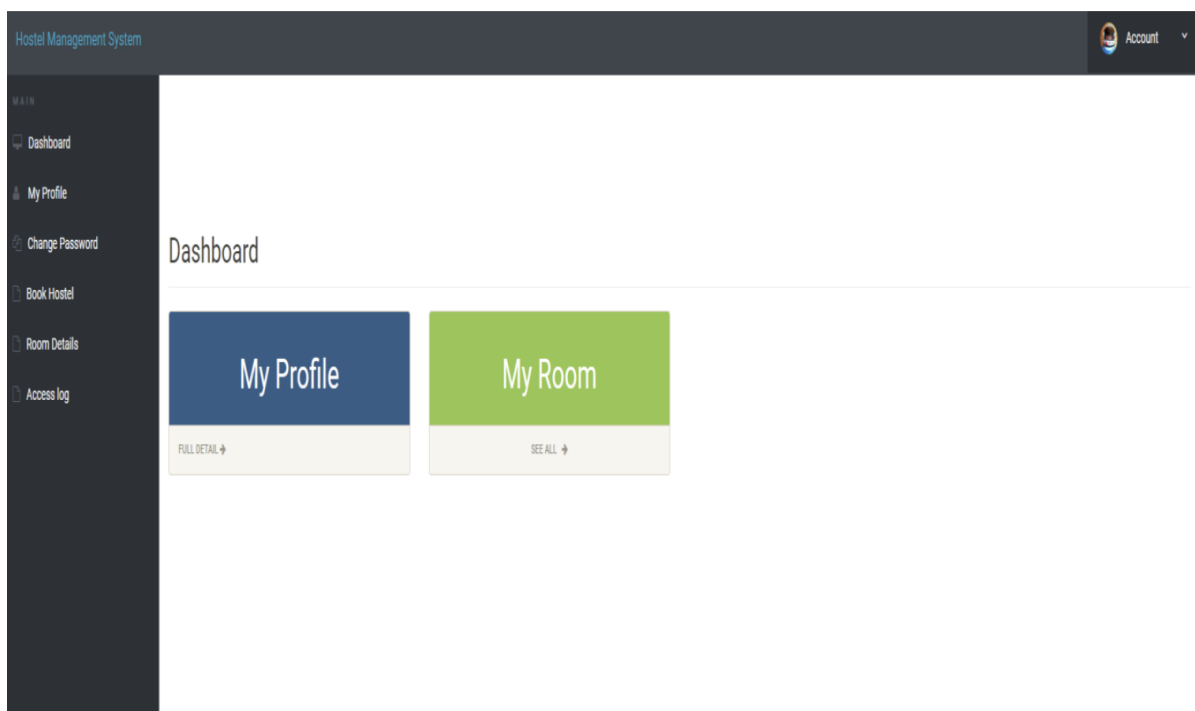
login

Forgot password?

## User Password Recovery



## User Dashboard



## User Profile

Hostel Management System

Account

Dashboard

My Profile

Change Password

Book Hostel

Room Details

Access log

### Test's Profile

LAST UPDATION DATE: 10-06-2019 12:48:13

Registration No:

108061211

First Name:

Test

Middle Name:

test

Last Name:

kumar

Gender:

male

Contact No:

1234567890

Email id:

test@gmail.com

Update Profile

## User Change Password

Hostel Management System

Account

Dashboard

My Profile

Change Password

Book Hostel

Room Details

Access log

### Change Password

LAST UPDATION DATE:

old Password

New Password

Confirm Password

Cancel

Change Password

### User Hostel Booked Details

Hostel Management System

Account

Dashboard

My Profile

Change Password

Book Hostel

Room Details

Access log

## Rooms Details

ALL ROOM DETAILS

Room Realted Info

Print Data

Reg no. :2016-06-23 17:24:35

Room no :	100	Seater :	5	Fees PM :	8000
Food Status:	With Food	Stay From :	2016-06-17	Duration:	4 Months
Total Fee :	34000				

Personal Info Info

Reg No. :	108061211	Full Name :	Anujestkumar	Email :	test@gmail.com
Contact No. :	9467067344	Gender :	male	Course :	Bachelor of Engineering
Emergency Contact No. :	123456789	Guardian Name :	test	Guardian Relation :	test
Guardian Contact No. :	1236547990				

Addresses

Correspondence Address	New Delhi India Aligarh, 202001 UTTAR Pradesh	Permanent Address	New Delhi India Delhi, 202001 Delhi (NCT)
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## User Hostel Booking

Hostel Management System

Dashboard

My Profile

Change Password

Book Hostel

Room Details

Access log

Account

Registration

REG-01-1870

Room Related info

Room no.

Select Room

Seater

Fees Per Month

Food Status

☒ Without Food ☐ With Food(Rs. 2000.00 Per Month Extra)

Stay From

dd-mm-yyyy

Duration

Select Duration in Month

Total Amount

Personal info

course

Select Course

Registration No :

108061211

First Name :

Test

Middle Name :

test

Last Name :

kumar

Gender :

male

Contact No :

1234567890

Email Id :

test@gmail.com

Emergency Contact:

Guardian Name :

Guardian Relation :

Guardian Contact no :

Correspondence Address

Address :

City :

State

Select State

Pincode :

Permanent Address

Permanent Address same as Correspondence address :

☐

Address :

City :

State

Select State

Pincode :

Cancel

Register

## User Access Log Details

Hostel Management System

Account

Dashboard

My Profile

Change Password

Book Hostel

Room Details

Access log

Access Log

ALL COURSES DETAILS

Show 10 entries

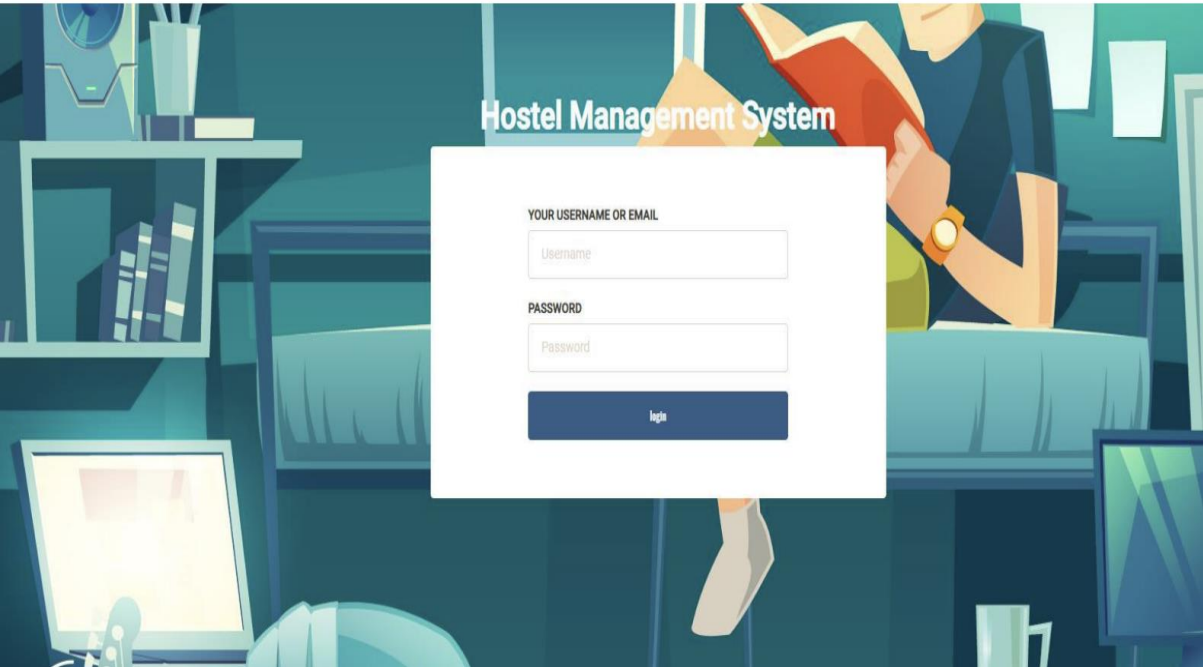
Search

Sno.	User Id	User Email	IP	City	Country	Login Time
1	10	test@gmail.com				2016-06-22 11:46:42
2	10	test@gmail.com				2016-06-24 16:50:28
3	10	test@gmail.com	::1			2016-06-24 16:52:47
4	10	test@gmail.com	::1			2016-06-26 21:07:40
5	10	test@gmail.com	::1			2019-06-10 10:32:51
6	10	test@gmail.com	::1			2019-06-10 11:19:42
7	10	test@gmail.com	::1			2019-06-10 12:47:32
Sno.	User Id	User Email	IP	City	Country	Login Time

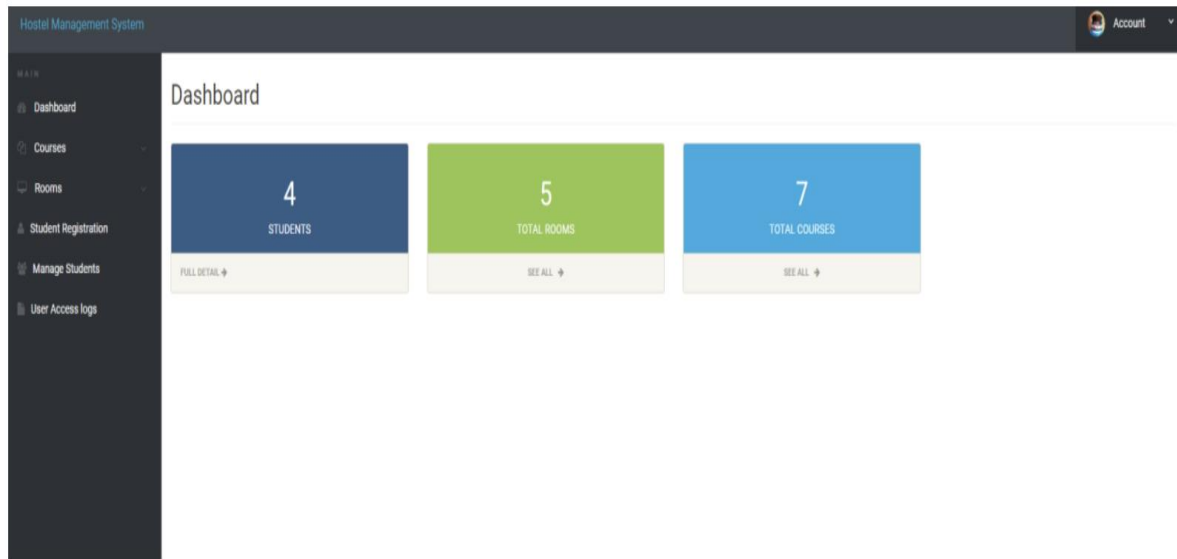
Showing 1 to 7 of 7 entries

PREVIOUS1NEXT

## Admin Login



## Admin Dashboard



## Admin Profile

The Admin Profile page features a dark sidebar with the same navigation links as the dashboard. The main content area is titled "Admin Profile" and contains two sections:

**ADMIN PROFILE DETAILS**

<b>Username</b>	admin
Username can't be changed.	
<b>Email</b>	anuj.lpu1@gmail.com
<b>Reg Date</b>	2016-04-05 02:01:45

[Cancel](#) [Update Profile](#)

**CHANGE PASSWORD**

<b>Old Password</b>	<input type="password"/>
<b>New Password</b>	<input type="password"/>
<b>Confirm Password</b>	<input type="password"/>

[Cancel](#) [Change Password](#)

## Admin add course

Hostel Management System

Account

Dashboard

Courses

Rooms

Student Registration

Manage Students

User Access logs

### Add Courses

ADD COURSES

Course Code

Course Name (Short)

Course Name(Full)

ADD course

## Admin edit course details

Hostel Management System

Account

Dashboard

Courses

Rooms

Student Registration

Manage Students

User Access logs

### Edit Course

EDIT COURSES

Course Code

B10992

Course Name (Short)

B.Tech

Course Name(Full)

Bachelor of Technology

Update Course



Admin add room

Hostel Management System

Account

Dashboard

Courses

Rooms

Student Registration

Manage Students

User Access logs

Add a Room

ADD A ROOM

Select Seater

Select Seater

Room No.

Fee(Per Student)

Create Room

AdminManage rooms

Hostel Management System

Account

Dashboard

Courses

Rooms

Student Registration

Manage Students

User Access logs

Manage Rooms

ALL ROOM DETAILS

Show10entries

Search:

Sno.	Seater	Room No.	Fees (PM)	Posting Date	Action
1	5	100	8000	2016-04-12 04:15:43	<a href="#">✎</a> <a href="#">✕</a>
2	2	201	6000	2016-04-12 07:00:47	<a href="#">✎</a> <a href="#">✕</a>
3	2	200	6000	2016-04-12 07:00:58	<a href="#">✎</a> <a href="#">✕</a>
4	3	112	4000	2016-04-12 07:01:07	<a href="#">✎</a> <a href="#">✕</a>
5	5	132	2000	2016-04-12 07:01:15	<a href="#">✎</a> <a href="#">✕</a>
Sno.	Seater	Room No.	Fees (PM)	Posting Date	Action

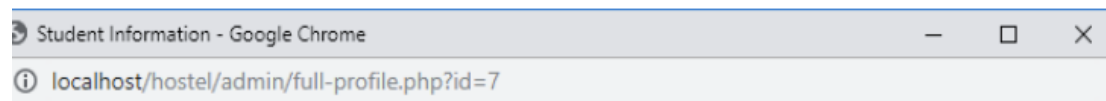
Showing 1 to 5 of 5 entries

PREVIOUS

1

NEXT

## Registered Student



est Kumar'S **INFORMATION »**

Reg Date : 2016-06-23 17:24:35

### Room Related Info »

**ROOM NO :** 100  
**SEATER :** 5  
**FEES PM :** 8000  
**FOOD STATUS:** WITH FOOD  
**STAYING FROM:** 2016-06-17  
**DURATION:** 4  
**TOTAL FEE:** 34000

### PERSONAL INFO »

**COURSE:** BACHELOR OF ENGINEERING  
**REG NO:** 108061211  
**FIRST NAME:** TEST  
**MIDDLE NAME:** TEST  
**LAST:** KUMAR  
**GENDER:** MALE  
**CONTACT NO:** 8467067344  
**EMAIL ID:** TEST@GMAIL.COM  
**EMERGENCY CONTACT:** 123456789  
**GUARDIAN NAME:** TEST  
**GUARDIAN RELATION:** TEST  
**GUARDIAN CONTACT:** 1236547890

### CORRESPONDENCE ADDRESS »

**ADDRESS:** NEW DELHI INDIA  
**CITY:** ALIGARH  
**STATE:** UTTAR PRADESH  
**PINCODE:** 202001

### PERMANENT ADDRESS »

**ADDRESS:** NEW DELHI INDIA  
**CITY:** DELHI  
**STATE:** DELHI (NCT)  
**PINCODE:** 202001  
**STATE:** DELHI (NCT)

Prints this Document

Close this document

## **FUTURE SCOPE**

It is easy to extend the system that we have proposed. A person could see any of the issued, unissued or all the rooms according to his/her will. In future we can implement some features for —HOSTEL MANAGEMENT SYSTEM project. In this system its possible to categorize room rent for middle class students and poor students. Some poor students are given a particular concession for the entire year

## **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 management 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.