|  |  |  |
| --- | --- | --- |
| **Tech Saksham**  Final Project Report  **Full Stack Web Development** |  |  |

**“Hostel Management System”**

**“Rajiv Gandhi University Of Knowledge Technologies,Srikakulam”**

|  |  |
| --- | --- |
| **ROLL NO** | **NAME** |
| S170055 | Lanka Sai Priya |
| S170655 | Peyyala Santosh Pavani |
| S170472 | Thamada Anusha |
| S170653 | Shaik Haseena |
| S170784 | Salkapuram Rayna Danam |

|  |  |
| --- | --- |
|  |  |
|  | Mr. S.S. Ahmed Ali |
|  | Master Trainer |

**ABSTRACT**

The manual room allocation process currently in use in RGUKT SRIKAKULAM is time consuming, labor intensive and prone to human error. This project was carried out with an aim of developing a system that would address the above problems. A computer-based and standalone system was developed to effectively and efficiently match an applicant’s profile to the available room’s features and amenities. The methods used for collecting data for the development of the system included interviews, questionnaires and document review. Data analysis was carried out to determine the functional and non-functional requirements of the system. System design involved conceptual design, logical design and application design.

**INDEX**

|  |  |  |
| --- | --- | --- |
| **Sr. No.** | **Table of Contents** | **Page No.** |
| 1 | Chapter 1: Introduction | 1-2 |
| 2 | Chapter 2: Services and Tools Required | 3-4 |
| 3 | Chapter 3: Project Architecture | 5 |
| 4 | Chapter 4: Architecture Blocks Detail Working | 6 |
| 5 | Conclusion | 7 |
| 6 | References | 8 |
| 7 | Code | 9-35 |

**CHAPTER 1**

**INTRODUCTION**

* 1. **Overview**

Allocation Systems are systems that base on established criteria to assign the available resources effectively. Examples of allocation systems are hotel reservation systems, airline reservation systems, Secondary School Places Allocation, 2007 (SSPA) a system used to allocate school places to senior one students in LuiKee education center Hong Kong, inter-Seasonal Agricultural Water Allocation System (SAWAS) (Science Direct agricultural Systems, 2003) a system designed to serve as a decision-making tool for planners of agricultural production.

* 1. **Feature**

The main objective of this project was to minimize time, labor, human error and manipulation during the room allocation process by providing a computer based room allocation system that match applicants profile with the room features.

1. To review the existing manual system in order to identify its strengths and weaknesses gaps.

2. To design a system that matches a room’s features along with the persons they know. Then applicant’s profile and to overcome current system weaknesses.

3. To implement the designed system.

* 1. **Advantages**

1-User friendly

2-Simple fast

3-Low cost and effective

4-Eay to update and Retrieve

* 1. **Scope**

1) The scope of this project was involved developing a web application system that matches the applicants profile with the room features and amenities in RGUKT SRIKAKULAM Hostel.

2) This project supports different residents that are of hostels or Dormitories.

* 1. **Future Work**

To conclude the description about the project, Digital room allocation was developed using Technologies i. e that is HTML, CSS, Bootstrap, Java Script, PHP , and MYSQL. Along with this software tools like Sublime text, Edit plus, XAMPP. This management software is designed for people who want to manage various activities in the hostel ,for the past few years the numbers of educational institutions are increasing rapidly ,Thereby the numbers of hostels are also increasing for the accommodation of the students studying in this institution , And hence is a lot of strain on the person who are running the hostel and the software’s are not usually used in the contest .the particular project deals with the problems on managing a hostel and avoids the problem which occur when carried manually .

**CHAPTER 2**

**SERVICES AND TOOLS REQUIRED**

**2.1 Services Used**

Digital Allocation systems have limitations, Dhillon and Doyle (2005) found that the specialized lung allocation system had an inability to account for unique clinical events hence the need to continue to exercise clinical judgment that is objective and realistic. The findings of Dhillon and Doyle (2005) illustrate the need for allocation systems to allow for end users to exercise their own judgment in certain unique instances.

**2.2 Tools and Software used**

HTML, CSS are the front end web development technologies used in the implementation of this website.

PHP is used to connect the interface with the database.

MySQL is loosely based on another database management system called MySQL. The product they created is fast, reliable, and extremely flexible. It is used in many places throughout the world. Universities, Internet service providers and non-profit organizations are the main users of MySQL, mainly because of its price (it is mostly free). Lately, however, it has begun to permeate the business world as a reliable and fast database system.

**2.2.1 PHP**

PHP is a server scripting language, and a powerful tool for making dynamic and interactive Web pages. It is a widely-used, free, and efficient alternative to competitors such as Microsoft's ASP. It is an open-source, interpreted, and object-oriented scripting language that can be executed at the server-side. It is well suited for web development. Therefore, it is used to develop web applications (an application that executes on the server and generates the dynamic page.)

**2.2.2 HTML**

**HTML** stands for**Hyper Text Markup Language**. It is used to design web pages using the **markup language**. HTML is the combination of **Hypertext** and **Markup language**. Hypertext defines the link between the web pages and markup language defines the text document within the tag that define the structure of web pages.

HTML is used to create the structure of web pages that are displayed on the World Wide Web (www). It contains Tags and Attributes that are used to design the web pages. Also, we can link multiple pages using Hyperlinks.

**2.2.3 MySQL**

Structured query language (SQL) is a popular query language that is frequently used in all types of applications. Data analysts and developers learn and use SQL because it integrates well with different programming languages. For example, they can embed SQL queries with the Java programming language to build high-performing data processing applications with major SQL database systems such as Oracle or MS SQL Server. SQL is also fairly easy to learn as it uses common English keywords in its statements.

**CHAPTER 3**

**PROJECT ARCHITECTURE**

**3.1 Architecture**

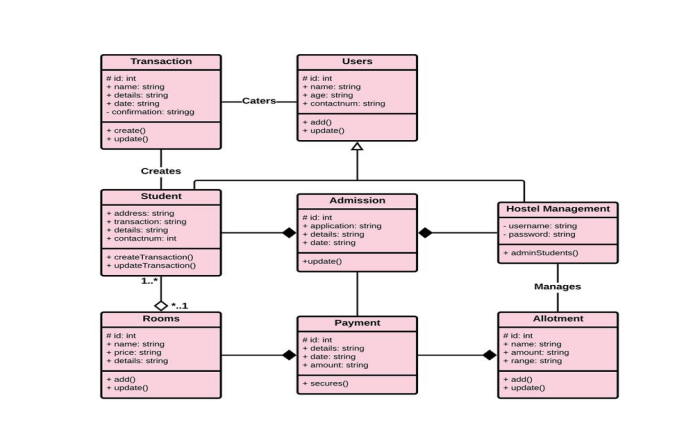
**USER FRONTEND BACKEND**

|  |  |  |
| --- | --- | --- |
|  | **HTML 5** | **PHP**  **Database** |
|  |  |  |

**CHAPTER 4**

**ARCHITECTURE BLOCKS DETAIL WORKING**

**4.1 Blocks**



**CONCLUSION**

To conclude the description about the project, Digital room allocation was developed using Technologies i. e that is HTML, CSS, Bootstrap, Java Script ,PHP , and MYSQL. Along with this software tools like Sublime text, Edit plus, XAMPP. This management software is designed for people who want to manage various activities in the hostel ,for the past few years the numbers of educational institutions are increasing rapidly ,Thereby the numbers of hostels are also increasing for the accommodation of the students studying in this institution , And hence is a lot of strain on the person who are running the hostel and the software’s are not usually used in the contest .the particular project deals with the problems on managing a hostel and avoids the problem which occur when carried manually .

**REFERENCES**

[www.w3schools.com](http://www.w3schools.com)

in.php.net

En.wikipedia.org/wiki/PHP

[www.hotscripts.com/category/php/](http://www.hotscripts.com/category/php/)

[www.apache.org/](http://www.apache.org/)

[www.mysql.com/click.php?e=35050](http://www.mysql.com/click.php?e=35050)

**CODE**

**6.1 Login code**

<!DOCTYPE html>

<html lang="en">

<head>

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Room Allocation System</title>

<link rel="stylesheet" href="login.css">

<link href="https://maxcdn.bootstrapcdn.com/font-awesome/4.6.3/css/font-awesome.min.css"

rel="stylesheet" integrity="sha384-

T8Gy5hrqNKT+hzMclPo118YTQO6cYprQmhrYwIiQ/3axmI1hQomh7Ud2hPOy8SP1"

crossorigin="anonymous">

</head>

<body>

<section class="main-section">

<div class="main">

<div class="navbar">

<div class="icon">

<h2 class="logo">RGUKT</h2>

</div>

<div class="menu">

<ul>

<li><a href="login.html">HOME</a></li>

<li><a href="#about">ABOUT</a></li>

<li><a href="#contact">CONTACT</a></li>

<li><a href="register.html">REGISTER</a></li>

<li><a href="#faq">FAQ</a></li>

</ul>

</div>

</div>

<div class="content">

<h1>ROOM <br><span>ALLOCATION</span> <br>SYSTEM</h1>

<p class="par">Lorem ipsum dolor sit amet consectetur adipisicing elit. Sunt neque

expedita atque eveniet <br> quis nesciunt. Quos nulla vero consequuntur, fugit nemo ad delectus

<br> a quae totam ipsa illum minus laudantium?</p>

<div class="form">

<h2>Login Here</h2>

<input type="email" name="email" placeholder="Enter Email Here">

<input type="password" name="" placeholder="Enter Password Here">

<button class="btnn"><a href="#">Login</a></button>

<p class="link"><a href="#">Forgot Password</a></p>

<p class="link">Don't have an account<br>

<a href="register.html">Sign up </a> here</a></p>

</div>

</div>

</div>

</section>

<section class="about\_section" id="about">

<div class="section">

<div class="container">

<div class="about-content-section">

<div class="title">

<h1>About Us</h1>

</div>

<div class="about-content">

<h3>Lorem ipsum dolor sit amet, consectetur adipisicing</h3>

<p>Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod

tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam,

quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo

consequat.</p>

<div class="button">

<a href="about.html">More Info</a>

</div>

</div>

</div>

<div class="image-section">

<img src="https://s3.us-west-2.amazonaws.com/www.bookingninjas.com/img/illustration-

8.svg">

</div>

</div>

</div>

</section><br>

<hr>

<section class="contact\_section" id="contact">

<div class="contact-content">

<h2>Contact Us</h2>

</div>

<div class="contact-container">

<div class="contactInfo">

<div class="contact-box">

<div class="contact-icon"><i class="fa fa-map-marker" aria-hidden="true"></i></div>

<div class="contact-text">

<h3>Address</h3>

<p>Rajiv Gandhi University of Knowledge <br> Technologies-Srikakulam Campus, S.M

Puram,<br> Etcherla(M) Srikakulam District,Andhra Pradesh -<br>532402</p>

</div>

</div>

<div class="contact-box">

<div class="contact-icon"><i class="fa fa-phone" aria-hidden="true"></i></div>

<div class="contact-text">

<h3>Phone</h3>

<p>+91 6305045858</p>

</div>

</div>

<div class="contact-box">

<div class="contact-icon"><i class="fa fa-envelope-o" aria-hidden="true"></i></div>

<div class="contact-text">

<h3>Email</h3>

<p>s170429@rguktsklm.ac.in</p>

</div>

</div>

</div>

<div class="contactForm">

<form>

<h2>Any Queries</h2>

<div class="contact-inputBox">

<input type="text" name="" required="required">

<span>Full Name</span>

</div>

<div class="contact-inputBox">

<input type="text" name="" required="required">

<span>Email</span>

</div>

<div class="contact-inputBox">

<textarea required="required"></textarea>

<span>Type your Message...</span>

</div>

<div class="contact-inputBox">

<input type="submit" name="" value="Send">

</div>

</form>

</div>

</div>

<footer>

<p>Copyright &copy; <script>document.write(new Date().getFullYear());</script> RGUKTAP.,

Srikakulam Campus</p>

</footer>

</section>

<script src="https://unpkg.com/ionicons@5.4.0/dist/ionicons.js"></script>

</body>

</html>

**6.2 User Registration code**

<html>

<head>

<title>Room Allocation System</title>

<link rel="stylesheet" type="text/css" href="register.css">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<link href="https://maxcdn.bootstrapcdn.com/font-awesome/4.6.3/css/fontawesome.

min.css" rel="stylesheet" integrity="sha384=

T8Gy5hrqNKT+hzMclPo118YTQO6cYprQmhrYwIiQ/3axmI1hQomh7Ud2hPOy8SP1"

crossorigin="anonymous">

</head>

<body>

<div>

<ul>

<li id="home"><a class="nav-link" href="login.html"><i class="fa fahome"></

i></a></li>

</ul>

</div>

<div class="container">

<div class="title">Registration</div>

<div class="content">

<form action="#">

<div class="user-details">

<div class="input-box">

<span class="details">First Name</span>

<input type="text" placeholder="Enter your first name" required>

</div>

<div class="input-box">

<span class="details">Last Name</span>

<input type="text" placeholder="Enter your last name" required>

</div>

<div class="input-box">

<span class="details">College ID</span>

<input type="text" placeholder="Enter your ID No" required>

</div>

<div class="input-box">

<span class="details">Branch</span>

<input type="text" placeholder="Enter your branch" required>

</div>

<div class="input-box">

<span class="details">Email</span>

<input type="text" placeholder="Enter your email" required>

</div>

<div class="input-box">

<span class="details">Phone Number</span>

<input type="text" placeholder="Enter your number" required>

</div>

<div class="input-box">

<span class="details">Password</span>

<input type="text" placeholder="Enter your password" required>

</div>

<div class="input-box">

<span class="details">Confirm Password</span>

<input type="text" placeholder="Confirm your password" required>

</div>

</div>

<div class="gender-details">

<input type="radio" name="gender" id="dot-1">

<input type="radio" name="gender" id="dot-2">

<input type="radio" name="gender" id="dot-3">

<span class="gender-title">Gender</span>

<div class="category">

<label for="dot-1">

<span class="dot one"></span>

<span class="gender">Male</span>

</label>

<label for="dot-2">

<span class="dot two"></span>

<span class="gender">Female</span>

</label>

<label for="dot-3">

<span class="dot three"></span>

<span class="gender">Not prefer to say</span>

</label>

</div>

</div>

<div class="button">

<input type="submit" value="Register">

</div>

</form>

</div>

</div>

<footer>

<p>Copyright &copy; <script>document.write(new Date().getFullYear());</script>

RGUKT-AP., Srikakulam Campus</p>

</footer>

</body>

</html>

**6.3 Index code**

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8" />

<meta http-equiv="refresh" content="no">

<meta http-equiv="X-UA-Compatible" content="IE=edge" />

<meta name="viewport" content="width=device-width, initial-scale=1.0" />

<link rel="stylesheet" href="stylein.css" />

<script src="https://code.jquery.com/jquery-3.5.0.js"></script>

<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/fontawesome/

5.15.3/css/all.min.css"/>

<title>Room Allocation</title>

</head>

<body>

<ul class="heads">

<li><img src="clg.png" width="150px" height="150px"></li>

<li>Rajiv Gandhi University Of Knowledge And Technologies IIIT Srikakulam</li>

</ul>

<ul class="showcase">

<li>

<div class="roomsb"></div>

<small>Bad</small>

</li><li>

<div class="roomsl"></div>

<small>empty</small>

</li>

<li>

<div class="roomsw"></div>

<small>washrooms</small>

<li>

<div class="roomso"></div>

<small>Occupied</small>

</li>

<li>

<div class="roomsp"></div>

<small>power</small>

</li>

</ul>

<div class="screen"></div>

<div class="row">

<div class="wash rooms" title="washrooms"></div>

<div class="wash rooms" title="washrooms"></div>

<div class="rooms occupied" id="myBtn"></div>

<div id="myModal" class="modal">

<div class="modal-content">

<span class="close">&times;</span>

<p>name:raji</p>

</div>

</div>

<div class="rooms occupied" title="Room No 101 " id="myBtn"></div>

<div id="myModal" class="modal">

<div class="modal-content">

<span class="close">&times;</span>

<p>name:raaji</p>

</div>

</div>

<div class=" rooms occupied" title="Room No 103"></div>

<div class=" rooms occupied" title="Room No 104"></div>

<div class=" rooms empty" title="empty"></div>

<div class=" rooms occupied" title="Room No 23A"></div>

<div class=" rooms occupied" title="Room No 56B"></div>

<div class=" rooms occupied" title="Room No 69A"></div>

<div class=" rooms occupied" title="Room No 32B"></div>

<div class=" rooms occupied" title="Room No 12A"></div>

<div class=" rooms occupied" title="Room No 23A"></div>

<div class=" rooms occupied" title="Room No 56B"></div>

<div class=" rooms occupied" title="Room No 69A"></div>

<div class=" rooms occupied" title="Room No 32B"></div>

<div class=" rooms occupied" title="Room No 12A"></div>

<div class=" rooms occupied" title="Room No 45B"></div>

<div class="wash rooms" title="washrooms"></div>

<div class="wash rooms" title="washrooms"></div>

</div><div class="row">

<div class="wash rooms" title="washrooms"></div>

<div class="wash rooms" title="washrooms"></div>

<div class="rooms occupied" title="Room No 32"></div>

<div class="rooms empty" title="Room No 55"></div>

<div class="rooms empty" title="Room No 61"></div>

<div class="rooms " title="N/G"></div>

<div class=" rooms occupied" title="Room No 23A"></div>

<div class=" rooms empty" title="Room No 56B"></div>

<div class=" rooms empty" title="Room No 69A"></div>

<div class=" rooms empty" title="Room No 32B"></div>

<div class=" rooms empty" title="Room No 12A"></div>

<div class="rooms empty" title="Room No 18B"></div>

<div class="rooms empty" title="Room No 19B"></div>

<div class="rooms empty" title="empty"></div>

<div class="rooms empty" title="empty"></div>

<div class="rooms" title="N/G"></div>

<div class="rooms" title="N/G"></div>

<div class="rooms" title="N/G"></div>

<div class="wash rooms" title="washrooms"></div>

<div class="wash rooms" title="washrooms"></div>

</div>

<div class="row">

<div class="rooms occupied"></div>

<div class="rooms occupied"></div>

<div class="ground"></div>

<div class="rooms occupied"></div>

<div class="rooms occupied"></div>

</div>

<div class="row">

<div class="rooms occupied"></div>

<div class="rooms occupied"></div>

<div class="ground"></div>

<div class="rooms occupied"></div>

<div class="rooms occupied"></div>

</div>

<div class="row">

<div class="rooms occupied"></div>

<div class="rooms occupied"></div>

<div class="ground"></div>

<div class="rooms occupied"></div>

<div class="rooms occupied"></div>

</div>

<div class="row">

<div class="rooms occupied"></div>

<div class="rooms occupied"></div>

<div class="ground"></div>

<div class="rooms occupied"></div>

<div class="rooms occupied"></div>

</div>

<div class="row">

<div class="rooms occupied"></div>

<div class="rooms occupied"></div>

<div class="ground"></div>

<div class="rooms occupied"></div>

<div class="rooms occupied"></div>

</div>

<div class="row">

<div class="rooms occupied"></div>

<div class="rooms occupied"></div>

<div class="ground"></div>

<div class="rooms occupied"></div>

<div class="rooms occupied"></div>

</div>

<div class="row">

<div class="rooms occupied"></div>

<div class="rooms occupied"></div>

<div class="ground" title="ground"></div>

<div class="rooms occupied"></div>

<div class="rooms occupied"></div>

</div>

<div class="row">

<div class="rooms occupied"></div>

<div class="rooms occupied"></div>

<div class="ground" title="ground"></div>

<div class="rooms occupied"></div>

<div class="rooms occupied"></div>

</div>

<div class="row ">

<div class="ground2" title="washrooms"></div>

<div class="ground3" title="washrooms"></div>

<div class="mid" title="N/G"></div>

<div class="mid" title="Room No 23A"></div>

<div class=" mid" title="Room No 56B"></div>

<div class="middle" title="Room No 69A"></div>

<div class="mid " title="rooms filled"></div>

<div class="mid" title="rooms filled"></div>

<div class="mid" title="rooms filled"></div>

<div class="ground3" title="washrooms"></div>

<div class="ground2" title="washrooms"></div>

</div>

<div class="row ">

<div class="ground2" title="washrooms"></div>

<div class="ground3" title="washrooms"></div>

<div class="mid" title="N/G"></div>

<div class="mid" title="Room No 23A"></div>

<div class=" mid" title="Room No 56B"></div>

<div class="middle" title="Room No 69A"></div>

<div class="mid " title="rooms filled"></div>

<div class="mid" title="rooms filled"></div>

<div class="mid" title="rooms filled"></div>

<div class="ground3" title="washrooms"></div>

<div class="ground2" title="washrooms"></div>

</div>

<div class="row">

<div class="rooms occupied"></div>

<div class="rooms occupied"></div>

<div class="ground" title="ground"></div>

<div class="rooms occupied"></div>

<div class="rooms occupied"></div>

</div>

<div class="row">

<div class="rooms occupied"></div>

<div class="rooms occupied"></div>

<div class="ground"></div>

<div class="rooms occupied"></div>

<div class="rooms occupied"></div>

</div>

<div class="row">

<div class="rooms occupied"></div>

<div class="rooms occupied"></div>

<div class="ground"></div>

<div class="rooms occupied"></div>

<div class="rooms occupied"></div>

</div>

<div class="row">

<div class="rooms occupied"></div>

<div class="rooms occupied"></div>

<div class="ground"></div>

<div class="rooms occupied"></div>

<div class="rooms occupied"></div>

</div>

<div class="row">

<div class="rooms occupied"></div>

<div class="rooms occupied"></div>

<div class="ground"></div>

<div class="rooms occupied"></div>

<div class="rooms occupied"></div>

</div>

<div class="row">

<div class="rooms occupied"></div>

<div class="rooms occupied"></div>

<div class="ground"></div>

<div class="rooms occupied"></div>

<div class="rooms occupied"></div>

</div>

<div class="row">

<div class="rooms occupied"></div>

<div class="rooms occupied"></div>

<div class="ground"></div>

<div class="rooms occupied"></div>

<div class="rooms occupied"></div>

</div>

<div class="row">

<div class="rooms occupied"></div>

<div class="rooms occupied"></div>

<div class="ground" title="ground"></div>

<div class="rooms occupied"></div>

<div class="rooms occupied"></div>

</div>

<div class="row ">

<div class=" wash rooms" title="washrooms"></div>

<div class=" wash rooms" title="washrooms"></div>

<div class="rooms " title="N/G"></div>

<div class=" rooms occupied " title="rooms filled"></div>

<div class=" rooms occupied " title="rooms filled"></div>

<div class=" rooms occupied " title="rooms filled"></div>

<div class=" rooms occupied " title="rooms filled"></div>

<div class=" rooms occupied " title="rooms filled"></div>

<div class=" rooms occupied " title="rooms filled"></div>

<div class=" rooms occupied " title="rooms filled"></div>

<div class=" rooms occupied " title="rooms filled"></div>

<div class=" rooms occupied " title="rooms filled"></div>

<div class=" rooms occupied " title="rooms filled"></div>

<div class=" rooms occupied" title="Room No 23A"></div>

<div class=" rooms occupied" title="Room No 56B"></div>

<div class=" rooms occupied" title="Room No 69A"></div>

<div class=" rooms occupied" title="Room No 32B"></div>

<div class=" rooms occupied" title="Room No 12A"></div>

<div class=" wash rooms" title="washrooms"></div>

<div class=" wash rooms" title="washrooms"></div>

</div>

<div class="row ">

<div class=" wash rooms" title="washrooms"></div>

<div class=" wash rooms" title="washrooms"></div>

<div class="rooms occupied " title="rooms filled"></div>

<div class="rooms occupied " title="rooms filled"></div>

<div class="rooms occupied " title="rooms filled"></div>

<div class="rooms occupied " title="rooms filled"></div>

<div class="rooms occupied " title="rooms filled"></div>

<div class="rooms occupied " title="rooms filled"></div>

<div class="rooms occupied " title="rooms filled"></div>

<div class="rooms occupied " title="rooms filled"></div>

<div class="rooms occupied " title="rooms filled"></div>

<div class="rooms occupied " title="rooms filled"></div>

<div class="rooms occupied " title="rooms filled"></div>

<div class=" rooms occupied" title="Room No 23A"></div>

<div class=" rooms occupied" title="Room No 56B"></div>

<div class=" rooms occupied" title="Room No 69A"></div>

<div class=" rooms occupied" title="Room No 32B"></div>

<div class=" rooms occupied" title="Room No 12A"></div>

<div class="wash rooms " title="washrooms"></div>

<div class="wash rooms " title="washrooms"></div>

</div>

</div>

<script>

// Get the modal

var modal = document.getElementById("myModal");

// Get the button that opens the modal

var btn = document.getElementById("myBtn");

// Get the <span> element that closes the modal

var span = document.getElementsByClassName("close")[0];

// When the user clicks the button, open the modal

btn.onclick = function() {

modal.style.display = "block";

}

// When the user clicks on <span> (x), close the modal

span.onclick = function() {

modal.style.display = "none";

}

// When the user clicks anywhere outside of the modal, close it

window.onclick = function(event) {

if (event.target == modal) {

modal.style.display = "none";

}

}

</script>

</body>

</html>

**6.4 Home Code**

<!DOCTYPE html>

<html>

<head>

<meta charset="utf-8" />

<meta http-equiv="refresh" content="no">

<meta http-equiv="X-UA-Compatible" content="IE=edge">

<title>Selecting gender</title>

<meta name="viewport" content="width=device-width, initial-scale=1">

<link rel="stylesheet" type="text/css" media="screen" href="style3.css" />

</head>

<body>

<ul>

<li><a href="#home">Home</a></li>

<li><a href="#news">Contact</a></li>

</ul>

<div class="container">

<div class="card">

<div class="imgBx">

<img src="boy.png">

</div>

<div class="contentBx">

<section>

<h2>BOYS</h2>

<div class="size">

<h3>Select the block<h3/>

</div>

<div class="color">

<h3>Click below for Blocks</h3>

</div>

<a href="block2.html">BLOCKS</a>

</div>

</div>

</div>

<div class="container">

<div class="card">

<div class="imgBx">

<img src="woman.png">

</div>

<div class="contentBx">

<h2>GIRLS</h2>

<div class="size">

<h3>Select the Gender Here</h3>

</div>

<div class="color">

<h3>Click below for Blocks</h3>

</div>

<a href="block.html">BLOCKS</a>

</section>

</div>

</div>

</body>

</html>

**6.5 Block code**

<!DOCTYPE html>

<html>

<head>

<meta http-equiv="refresh" content="10">

<link rel="stylesheet" href="blocksty.css">

</head>

<body class="im">

<div class="navbar">

<ul>

<li><img src="clg.png" width="25px" height="25px"></li>

<li><a href="#">About</a></li>

<li><a href="#">News</a></li>

<li><a href="#">Services</a></li>

<li><a href="#">Contact us</a></li>

<!-- <div class="search">

<input type="text" name="search" id="search" placeholder="Search this website">

</div>-->

</ul>

</div>

<div class="navbar" style="background-color:#12528a">

<ul>

<li><img src="clg.png" width="25px" height="25px"></li>

<li class="rgu">Rajiv Gandhi University Of knowledge and Technologies IIIT Srikakulam</li>

<!-- <div class="search">

<input type="text" name="search" id="search" placeholder="Search this website">

</div>-->

</ul>

</div>

<div class="navbar" style="background-color: #1462a4">

<ul>

<li><a href="#">About</a></li>

<li><a href="#">News</a></li>

<li><a href="#">Services</a></li>

<li><a href="#">Contact us</a></li>

</ul>

</div>

<div class="container">

<div class="card">

<div class="face face1">

<div class="content">

<span class="stars"></span>

<div class="size">

<h2>floors</h2>

<span>GF</span>

<span>FF</span>

<span>SF</span>

<span>TF</span>

</div>

</div>

</div>

<div class="face face2">

<h2>BLOCK-K2</h2>

</div>

</div>

<div class="card">

<div class="face face1">

<div class="content">

<span class="stars"></span>

<div class="size">

<h2>Floors</h2>

<span>GF</span>

<span>FF</span>

<span>SF</span>

<span>TF</span>

</div>

</div>

<div class="face face2">

<h2>BLOCK-K3</h2>

</div>

</div>

</div>

<div class="card">

<div class="face face1">

<div class="content">

<span class="stars"></span>

<div class="size">

<h2>Floors</h2>

<span><a href="ground.html">GF</a></span>

<span>FF</span>

<span><a href="index.html">SF</a></span>

<span>TF</span>

</div>

</div>

</div>

<div class="face face2">

<h2>BLOCK-K4</h2>

</div>

</div>

</div>

<div class="navbar" style="background-color:#112547">

<ul>

<li><a href="#"><p>welcome to the rgukt sklm</p></a></li>

<li><a href="#">News</a></li>

<li><a href="#">Services</a></li>

<li><a href="#">Contact us</a></li>

<!-- <div class="search">

<input type="text" name="search" id="search" placeholder="Search this website">

</div>-->

</ul>

</div>

</body>

</html>

**6.6 Tiles code**

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8" />

<meta http-equiv="refresh" content="no">

<meta http-equiv="X-UA-Compatible" content="IE=edge" />

<meta name="viewport" content="width=device-width, initial-scale=1.0" />

<link rel="stylesheet" href="stylein.css" />

<script src="https://code.jquery.com/jquery-3.5.0.js"></script>

<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/fontawesome/

5.15.3/css/all.min.css"/>

<title>Room Allocation</title>

</head>

<body>

<ul class="heads">

<li><img src="clg.png" width="150px" height="150px"></li>

<li>Rajiv Gandhi University Of Knowledge And Technologies IIIT Srikakulam</li>

</ul>

<ul class="showcase">

<li>

<div class="roomsb"></div>

<small>Bad</small>

</li>

<li>

<div class="roomsl"></div>

<small>empty</small>

</li>

<li>

<div class="roomsw"></div>

<small>washrooms</small>

<li>

<div class="roomso"></div>

<small>Occupied</small>

</li>

<li>

<div class="roomsp"></div>

<small>power</small>

</li>

</ul>

<div class="screen"></div>

<div class="row">

<div class="wash rooms" title="washrooms"></div>

<div class="wash rooms" title="washrooms"></div>

<div class="rooms occupied" id="myBtn"></div>

<div id="myModal" class="modal">

<div class="modal-content">

<span class="close">&times;</span>

<p>name:raji</p>

</div>

</div>

<div class="rooms occupied" title="Room No 101 " id="myBtn"></div>

<div id="myModal" class="modal">

<div class="modal-content">

<span class="close">&times;</span>

<p>name:raaji</p>

</div>

</div>

<div class=" rooms occupied" title="Room No 103"></div>

<div class=" rooms occupied" title="Room No 104"></div>

<div class=" rooms empty" title="empty"></div>

<div class=" rooms occupied" title="Room No 23A"></div>

<div class=" rooms occupied" title="Room No 56B"></div>

<div class=" rooms occupied" title="Room No 69A"></div>

<div class=" rooms occupied" title="Room No 32B"></div>

<div class=" rooms occupied" title="Room No 12A"></div>

<div class=" rooms occupied" title="Room No 23A"></div>

<div class=" rooms occupied" title="Room No 56B"></div>

<div class=" rooms occupied" title="Room No 69A"></div>

<div class=" rooms occupied" title="Room No 32B"></div>

<div class=" rooms occupied" title="Room No 12A"></div>

<div class=" rooms occupied" title="Room No 45B"></div>

<div class="wash rooms" title="washrooms"></div>

<div class="wash rooms" title="washrooms"></div>

</div>

<div class="row">

<div class="wash rooms" title="washrooms"></div>

<div class="wash rooms" title="washrooms"></div>

<div class="rooms occupied" title="Room No 32"></div>

<div class="rooms empty" title="Room No 55"></div>

<div class="rooms empty" title="Room No 61"></div>

<div class="rooms " title="N/G"></div>

<div class=" rooms occupied" title="Room No 23A"></div>

<div class=" rooms empty" title="Room No 56B"></div>

<div class=" rooms empty" title="Room No 69A"></div>

<div class=" rooms empty" title="Room No 32B"></div>

<div class=" rooms empty" title="Room No 12A"></div>

<div class="rooms empty" title="Room No 18B"></div>

<div class="rooms empty" title="Room No 19B"></div>

<div class="rooms empty" title="empty"></div>

<div class="rooms empty" title="empty"></div>

<div class="rooms" title="N/G"></div>

<div class="rooms" title="N/G"></div>

<div class="rooms" title="N/G"></div>

<div class="wash rooms" title="washrooms"></div>

<div class="wash rooms" title="washrooms"></div>

</div>

<div class="row">

<div class="rooms occupied"></div>

<div class="rooms occupied"></div>

<div class="ground"></div>

<div class="rooms occupied"></div>

<div class="rooms occupied"></div>

</div>

<div class="row">

<div class="rooms occupied"></div>

<div class="rooms occupied"></div>

<div class="ground"></div>

<div class="rooms occupied"></div>

<div class="rooms occupied"></div>

</div>

<div class="row">

<div class="rooms occupied"></div>

<div class="rooms occupied"></div>

<div class="ground"></div>

<div class="rooms occupied"></div>

<div class="rooms occupied"></div>

</div>

<div class="row">

<div class="rooms occupied"></div>

<div class="rooms occupied"></div>

<div class="ground"></div>

<div class="rooms occupied"></div>

<div class="rooms occupied"></div>

</div>

<div class="row">

<div class="rooms occupied"></div>

<div class="rooms occupied"></div>

<div class="ground"></div>

<div class="rooms occupied"></div>

<div class="rooms occupied"></div>

</div>

<div class="row">

<div class="rooms occupied"></div>

<div class="rooms occupied"></div>

<div class="ground"></div>

<div class="rooms occupied"></div>

<div class="rooms occupied"></div>

</div>

<div class="row">

<div class="rooms occupied"></div>

<div class="rooms occupied"></div>

<div class="ground" title="ground"></div>

<div class="rooms occupied"></div>

<div class="rooms occupied"></div>

</div>

<div class="row">

<div class="rooms occupied"></div>

<div class="rooms occupied"></div>

<div class="ground" title="ground"></div>

<div class="rooms occupied"></div>

<div class="rooms occupied"></div>

</div>

<div class="row ">

<div class="ground2" title="washrooms"></div>

<div class="ground3" title="washrooms"></div>

<div class="mid" title="N/G"></div>

<div class="mid" title="Room No 23A"></div>

<div class=" mid" title="Room No 56B"></div>

<div class="middle" title="Room No 69A"></div>

<div class="mid " title="rooms filled"></div>

<div class="mid" title="rooms filled"></div>

<div class="mid" title="rooms filled"></div>

<div class="ground3" title="washrooms"></div>

<div class="ground2" title="washrooms"></div>

</div>

<div class="row ">

<div class="ground2" title="washrooms"></div>

<div class="ground3" title="washrooms"></div>

<div class="mid" title="N/G"></div>

<div class="mid" title="Room No 23A"></div>

<div class=" mid" title="Room No 56B"></div>

<div class="middle" title="Room No 69A"></div>

<div class="mid " title="rooms filled"></div>

<div class="mid" title="rooms filled"></div>

<div class="mid" title="rooms filled"></div>

<div class="ground3" title="washrooms"></div>

<div class="ground2" title="washrooms"></div>

</div>

<div class="row">

<div class="rooms occupied"></div>

<div class="rooms occupied"></div>

<div class="ground" title="ground"></div>

<div class="rooms occupied"></div>

<div class="rooms occupied"></div>

</div>

<div class="row">

<div class="rooms occupied"></div>

<div class="rooms occupied"></div>

<div class="ground"></div>

<div class="rooms occupied"></div>

<div class="rooms occupied"></div>

</div>

<div class="row">

<div class="rooms occupied"></div>

<div class="rooms occupied"></div>

<div class="ground"></div>

<div class="rooms occupied"></div>

<div class="rooms occupied"></div>

</div>

<div class="row">

<div class="rooms occupied"></div>

<div class="rooms occupied"></div>

<div class="ground"></div>

<div class="rooms occupied"></div>

<div class="rooms occupied"></div>

</div>

<div class="row">

<div class="rooms occupied"></div>

<div class="rooms occupied"></div>

<div class="ground"></div>

<div class="rooms occupied"></div>

<div class="rooms occupied"></div>

</div>

<div class="row">

<div class="rooms occupied"></div>

<div class="rooms occupied"></div>

<div class="ground"></div>

<div class="rooms occupied"></div>

<div class="rooms occupied"></div>

</div>

<div class="row">

<div class="rooms occupied"></div>

<div class="rooms occupied"></div>

<div class="ground"></div>

<div class="rooms occupied"></div>

<div class="rooms occupied"></div>

</div>

<div class="row">

<div class="rooms occupied"></div>

<div class="rooms occupied"></div>

<div class="ground" title="ground"></div>

<div class="rooms occupied"></div>

<div class="rooms occupied"></div>

</div>

<div class="row ">

<div class=" wash rooms" title="washrooms"></div>

<div class=" wash rooms" title="washrooms"></div>

<div class="rooms " title="N/G"></div>

<div class=" rooms occupied " title="rooms filled"></div>

<div class=" rooms occupied " title="rooms filled"></div>

<div class=" rooms occupied " title="rooms filled"></div>

<div class=" rooms occupied " title="rooms filled"></div>

<div class=" rooms occupied " title="rooms filled"></div>

<div class=" rooms occupied " title="rooms filled"></div>

<div class=" rooms occupied " title="rooms filled"></div>

<div class=" rooms occupied " title="rooms filled"></div>

<div class=" rooms occupied " title="rooms filled"></div>

<div class=" rooms occupied " title="rooms filled"></div>

<div class=" rooms occupied" title="Room No 23A"></div>

<div class=" rooms occupied" title="Room No 56B"></div>

<div class=" rooms occupied" title="Room No 69A"></div>

<div class=" rooms occupied" title="Room No 32B"></div>

<div class=" rooms occupied" title="Room No 12A"></div>

<div class=" wash rooms" title="washrooms"></div>

<div class=" wash rooms" title="washrooms"></div>

</div>

<div class="row ">

<div class=" wash rooms" title="washrooms"></div>

<div class=" wash rooms" title="washrooms"></div>

<div class="rooms occupied " title="rooms filled"></div>

<div class="rooms occupied " title="rooms filled"></div>

<div class="rooms occupied " title="rooms filled"></div>

<div class="rooms occupied " title="rooms filled"></div>

<div class="rooms occupied " title="rooms filled"></div>

<div class="rooms occupied " title="rooms filled"></div>

<div class="rooms occupied " title="rooms filled"></div>

<div class="rooms occupied " title="rooms filled"></div>

<div class="rooms occupied " title="rooms filled"></div>

<div class="rooms occupied " title="rooms filled"></div>

<div class="rooms occupied " title="rooms filled"></div>

<div class=" rooms occupied" title="Room No 23A"></div>

<div class=" rooms occupied" title="Room No 56B"></div>

<div class=" rooms occupied" title="Room No 69A"></div>

<div class=" rooms occupied" title="Room No 32B"></div>

<div class=" rooms occupied" title="Room No 12A"></div>

<div class="wash rooms " title="washrooms"></div>

<div class="wash rooms " title="washrooms"></div>

</div>

</div>

<script>

// Get the modal

var modal = document.getElementById("myModal");

// Get the button that opens the modal

var btn = document.getElementById("myBtn");

// Get the <span> element that closes the modal

var span = document.getElementsByClassName("close")[0];

// When the user clicks the button, open the modal

btn.onclick = function() {

modal.style.display = "block";

}

// When the user clicks on <span> (x), close the modal

span.onclick = function() {

modal.style.display = "none";

}

// When the user clicks anywhere outside of the modal, close it

window.onclick = function(event) {

if (event.target == modal) {

modal.style.display = "none";

}

}

</script>

</body>

</html>

**6.7 BackEnd Code**

<?php

session\_start();

include('includes/config.php');

include('includes/checklogin.php');

check\_login();

?>

<!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>DashBoard</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">

</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">Dashboard</h2>

<div class="row">

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

<div class="row">

<div class="col-md-3">

<div class="panel panel-default">

<div class="panel-body bk-primary text-light">

<div class="stat-panel text-center">

<div class="stat-panel-number h1 ">My Profile</div>

</div>

</div>

<a href="my-profile.php" class="block-anchor panel-footer">Full Detail <i class="fa fa-arrowright"></

i></a>

</div>

</div>

<div class="col-md-3">

<div class="panel panel-default">

<div class="panel-body bk-success text-light">

<div class="stat-panel text-center">

<div class="stat-panel-number h1 ">My Room</div>

</div>

</div>

<a href="room-details.php" class="block-anchor panel-footer text-center">See All &nbsp; <i

class="fa fa-arrow-right"></i></a>

</div>

</div>

</div>

</div>

</div>

</div>

</div>

</div>

</div>

</div>

<!-- Loading Scripts -->

<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>

window.onload = function(){

// Line chart from swirlData for dashReport

var ctx = document.getElementById("dashReport").getContext("2d");

window.myLine = new Chart(ctx).Line(swirlData, {

responsive: true,

scaleShowVerticalLines: false,

scaleBeginAtZero : true,

multiTooltipTemplate: "<%if (label){%><%=label%>: <%}%><%= value %>",

});

// Pie Chart from doughutData

var doctx = document.getElementById("chart-area3").getContext("2d");

window.myDoughnut = new Chart(doctx).Pie(doughnutData, {responsive : true});

// Dougnut Chart from doughnutData

var doctx = document.getElementById("chart-area4").getContext("2d");

window.myDoughnut = new Chart(doctx).Doughnut(doughnutData, {responsive : true});

}

</script>

</body>

</html>