



# American International University- Bangladesh

## CSC 3215: Web Technologies

### CO2 and CO4 Evaluation Finished Project Report Fall 2023-2024

**Project Title: Hotel Management System**

**Section: G**

**Group: 7**

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# Hotel Management System

## Project Description:

*This project is all about building a cool website for the famous Radisson Blue hotel. We want to make a website that's easy to use and looks modern. The goal is to present all the great things about the hotel – like the awesome rooms, services, and fun stuff nearby. People who might want to stay at the hotel can use the website to learn more, check out pictures, book a room, rent a car, and some special deals – all in one place. We made sure that the staffs also work in harmony to help the system fully workable as they are integral part of executing the task. We're working to create a website that makes the hotel look good online and gives guests a really great experience when they visit the site.*

There are 5 -types of Users here. They are:

- Admin
- Customer
- Moderator
- Staff
- Supplier

## 2. Feature List:

In this project the “Admin” has the following features:

- Log In
- Registration
- Forget password
- Package
- Add package
- Delete package
- Edit profile
- Change picture
- Change password
- Admin can see list of members

In this project the “Customer” has the following features:

- Services
- About Us
- Sign Up
- Sign In
- Offers & Package
- Booking
- View cart
- Hire Car

In this project the “Moderator” has the following features:

- Log In
- Registration
- Edit Profile
- Edit picture
- Edit password



# Hotel Management System

- Edit packages
- Confirmation Hire car
- Manage offers

In this project the “Staff” has the following features:

- Log In
- Registration
- Edit Profile
- Edit password
- Manager can Assign, Edit and Delete task
- All staffs excluding manager can see their assigned task.
- Managers can see available staffs

In this project the “Supplier” has the following features:

- Log In
- Registration
- Edit Profile
- Edit password

## Project Folder Structure:

We followed the Layered Architecture “MVC”. M stands for Model where we kept our databases and database functionalities. V stands for View partition of the project which our clients will experience or to simplify we can say the HTML portions of the project. C stands for Controller where all process of servers validation and else take place. We added two new layers to make our work more integrated- Layer and js. Layer stores all the css work which we applied throughout the project. JS stores the javascript portion throughout the project.

## Core Modules of the Project:

Here, THREE of our CORE modules’ source code with appropriate filename as heading.

### registration\_pro.php

```
<!DOCTYPE html>
<script src="../../js/myscript.js"></script>
<?php include '../Model/mydb.php'; ?>
<html lang="en">
<head>
    <title>Registration_pro</title>
</head>
<body>
<?php
    $nameErr = $emailErr = $userNameErr = $termErr = $dobErr = $addressErr =
    $genderErr = $phnErr = $roleErr = $passErr = $userExist = "";

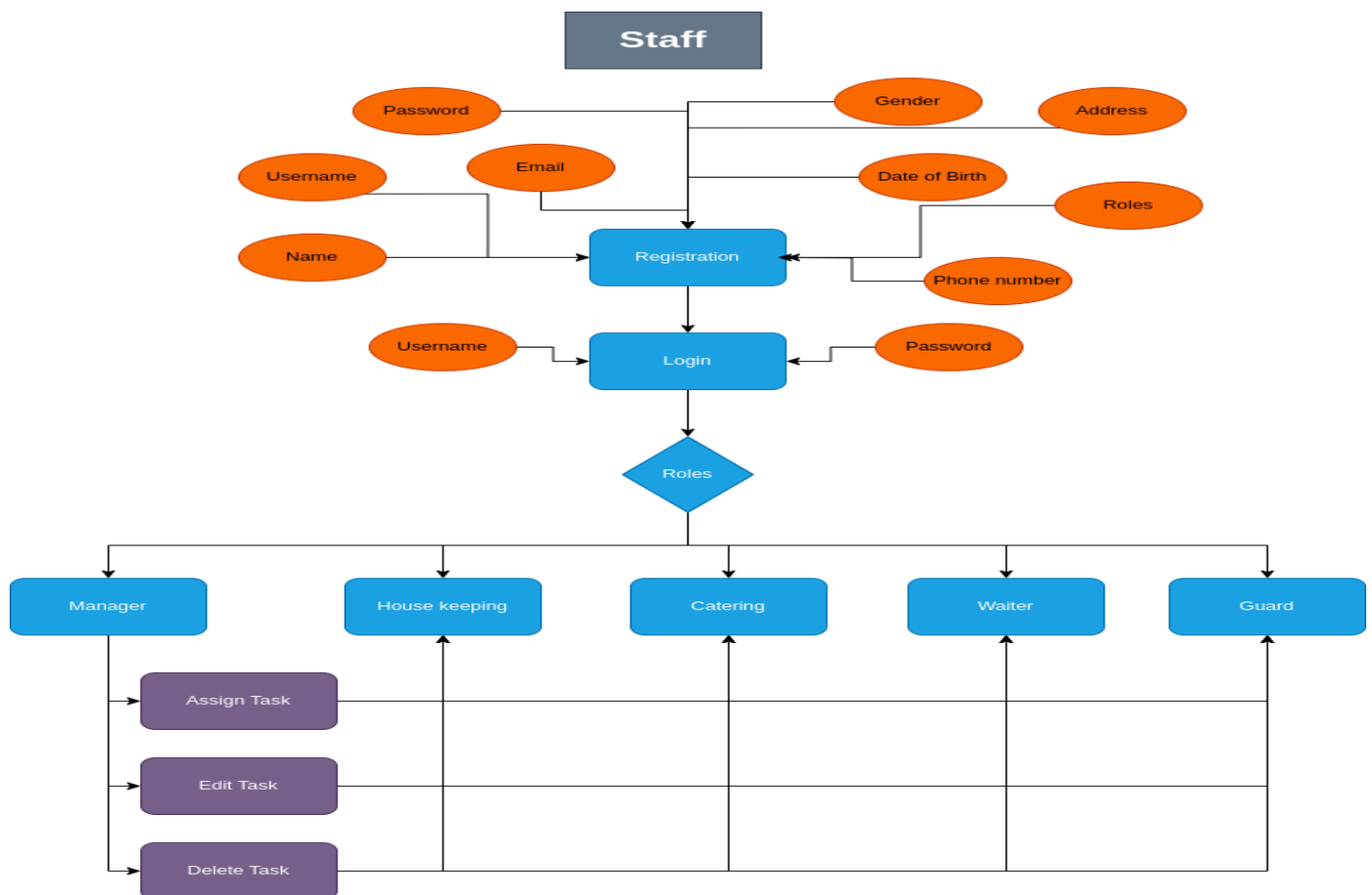
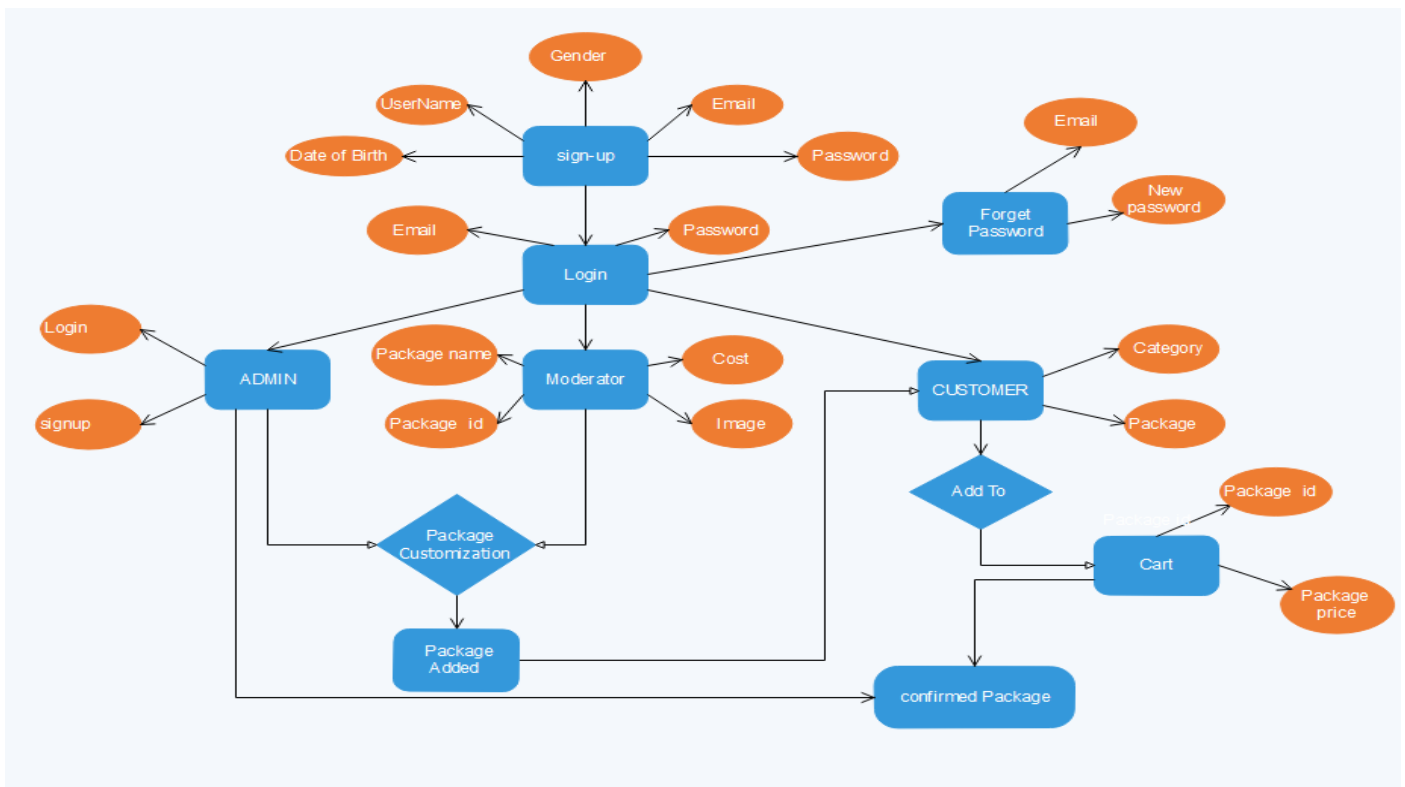
    if ($_SERVER["REQUEST_METHOD"] == "POST") {
        $errorFlag = false;

        if (!isset($_POST['sname']) || empty($_POST['sname'])) {
            $nameErr = " *Name is required";
            $errorFlag = true;
```



# Hotel Management System

Design:



# Hotel Management System

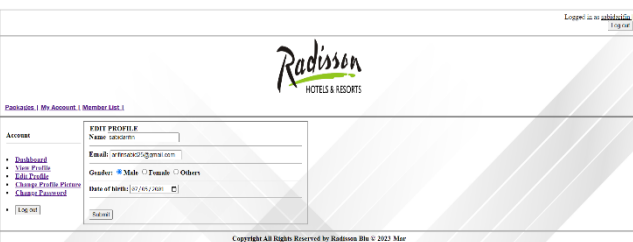
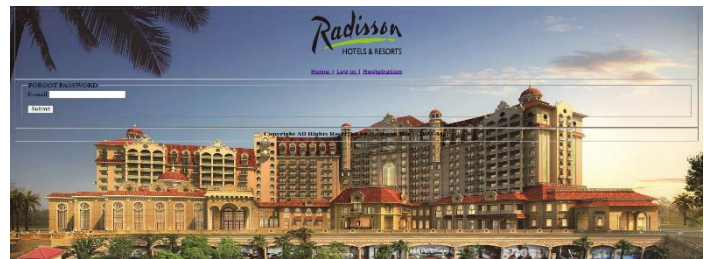
Tools Used:

To develop this project, we have used the following:

- Visual Studio Code.
- Sublime Text.
- Xampp.
- Github.
- Google Chrome.

System Images against the Specification:

## Admin Interface-



MEMBERS LIST				
Name	E-mail	User name	Gender	Date of birth
sabidarfitt	artheasabid27@gmail.com	arthe	male	2003-03-08
arthe	artheasabid@gmail.com	arthe	male	2003-03-08

Back





# Hotel Management System

## Customer Interface-

Welcome to **Radisson Blue**

[Home](#) / [About Us](#) / [Services](#) / [Sign Up](#)



[Home](#) / [About Us](#) / [Services](#) / [Sign Up](#)

We offer a range of services to make your stay with us as comfortable and enjoyable as possible.

**Resturent**



**Radisson** **BLU**

**Log In**

User Name:

Password:

☐ Remember me

Dont Have account? [Sign Up!](#)

**Radisson** **BLU**

**Registration**

Name

Email

User Name

Date of Birth

Gender

☐ Male ☐ Female ☐ Others

Password

Re-type Password

Already have a account? [Sign In](#)

**Arial View**



Our resort is surrounded by breathtaking natural scenery, with lush green forests, crystal clear lakes, and majestic mountain peaks. Whether you're looking for a peaceful retreat or an adventurous outdoor vacation, our location has something for everyone.

Our resort offers a range of activities to help you make the most of your stay, including hiking, kayaking, fishing, and mountain biking. And when you're ready to relax, our comfortable accommodations and on-site amenities provide the perfect place to unwind.

Book your stay today and experience the beauty of nature like never before!

**Pool**

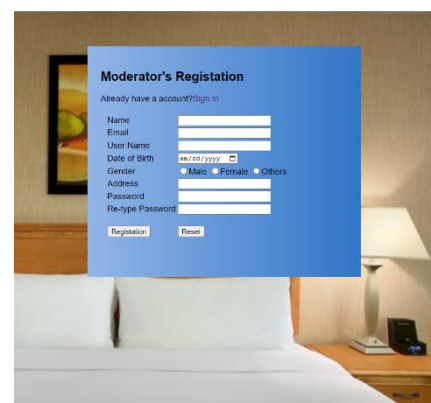
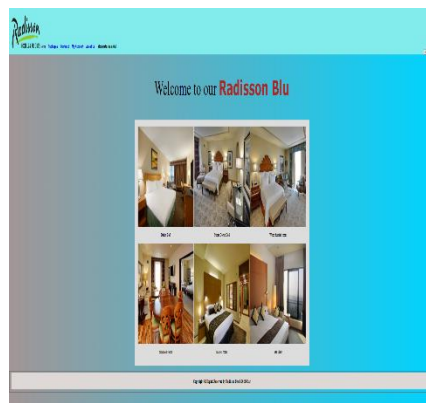
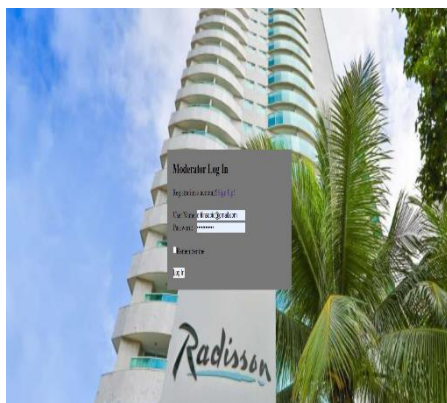


Our resort is surrounded by breathtaking natural scenery, with lush green forests, crystal clear lakes, and majestic mountain peaks. Whether you're looking for a peaceful retreat or an adventurous outdoor vacation, our location has something for everyone.

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Book your stay today and experience the beauty of nature like never before!

## Moderator Interface-



# Hotel Management System

[illegible]

[Home](#)
[Packages](#)
[Contact](#)
[My Account](#)
[About Us](#)
[Moderator as a Wiki](#)

Log out

---

View Account

[View Profile](#)
[Edit Profile](#)
[Change Profile Picture](#)
[Change Password](#)


---

PROFILE

Name:	Ovi
Email:	<a href="mailto:okeydewi@gmail.com">okeydewi@gmail.com</a>
Coside:	<a href="#">@C=change?button=find+action</a> <a href="#">blue+url</a>
Date of Birth:	<a href="#">male</a> <a href="#">site/Moderator/view_profile.php</a> <a href="#">on line #8</a>
<a href="#">Like Profile</a>	<a href="#">* langid="10" value="210"&gt;</a>

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HOTELS & RESORTS

[Home](#) | [Packages](#) | [Contact](#) | [My Account](#) | [About Us](#) | [Moderator as a Dui](#)

[Log out](#)


### Contract Us

Phone: +55(0)5120300

Email: [radisson@gmail.com](mailto:radisson@gmail.com)

Facebook: [www.facebook.org/radisson](http://www.facebook.org/radisson)

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[Moderator to All](#)


[Log out](#)

## Our way of being

At Radisson Hotel Group we strive to be the first choice in the mind of guests, owners and talent. In our journey to achieve this, we practice various beliefs and actions that respect the diversity of people, the community, ethics and the planet.

## An international presence

We are present in over 100 countries with more than 6,000 hotels. Together with our partners, we continue to develop new hotels and generate synergies to go much further. Our focus is committed to create thoughtful and a sustainable hotel offering, and experience. We are made of our true members of Radisson Hotel Group: they are people, they are people, they are people. We are a local, authentic company with a global vision. We are a company that is proud to provide a dynamic set of hotel brands for a wide range of markets and budgets. Each of these brands has its own identity. Any brand is not just a name but a way of life, because there is always a Radisson Hotel that suits to their needs. We create and focus our work on delivering successful outcomes, creating a new level by being the first partner.



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## Staff Interface-

***Welcome to the Staff Section***

[Go to Registration Page](#)  
[Go to Admin Page](#)

---

***Log In***

*Registration a account? [Sign Up!](#)*

User Name:

Password:

☐ Remember me

**Please provide your informations**

*Already have an account?* [Sign In](#)

Name:

Email Address:

Username:

Password:

Date of Birth: (mm/DD/YYYY)

Relics: Many

Relics: (image receiving)

Phone Number:

Address:

**Terms and Conditions:** ☐ I Agree

# Welcome to the Manager Page

Hello, jabbes!

## Create Task

Task Name:

Assign To:

## Edit Task

Task Name:

New Task Name:

Assign To:

## Delete Task

Task Name:

## Assigned Tasks

- Clean kitchen (Assigned to: Rabbi)
- Serve Breakfast (Assigned to: Rabbi)
- Parking (Assigned to: Jami)
- Ready Tables (Assigned to: Kain)
- Clean Floor (Assigned to: Ramin)

## Available Staff

• **haskeep**

• **skaske**

• **waiter**

• **guard**

• **Rabbi**

• **Rabbi**

• **Kain**

• **Jami**

• **Ramin**

• **Baba**



# Hotel Management System

## Welcome to the Housekeeping Dashboard

Hello, Faruq!

### Assigned Tasks

Task	Assigned To
Clean Floor	Ramin
<a href="#">Log Out</a>	

## Welcome to the Waiter Dashboard

Hello, hain!

### Assigned Tasks

Task	Assigned To
Wash Table	Karin
<a href="#">Log Out</a>	

## Welcome to the Catering Dashboard

Hello, habu!

### Assigned Tasks

Task	Assigned To
Serve Breakfast	Reza
<a href="#">Log Out</a>	

## Welcome to the Guard Dashboard

Hello, jami!

### Assigned Tasks

Task	Assigned To
Parking	Kamir
<a href="#">Log Out</a>	

## Impact of this Project:

Having a basic hotel website can really help the hotel make more money and make guests happier. The website lets guests book rooms, find out about the hotel, and share their thoughts. A good website can also help the hotel tell everyone about cool things it offers. Using a reservation system on the site makes things faster and smoother for the hotel. The staffs also get their real time work schedule which enable them to prepare the work ahead or make the better preparation for the customers. Plus, guests can share their thoughts easily, making everyone happier.

## Limitations and Possible Future Improvements:

A simple hotel website is helpful, there are some things we need to be careful about. One big concern is keeping guests' info safe, especially things like payment details. To deal with this, we use strong security steps like secret codes and regular safety checks. That way, everyone's information stays safe and protected.

The downside of a basic hotel website is that it doesn't do a lot of things. To fix this, hotels can consider adding more services, like rewards programs, apps for booking on phone, and checking if rooms are available right away. This can make things work better and make guests happier.





## Hotel Management System

*[Note: Make sure that your report is maximum 10 pages (including cover page). Print (Colored) the report and submit it with spiral bind.]*

CO1.1 and CO2.1 Evaluation: Project Report Evaluation					
Project Proposal (5)	Background Study (5)	Requirement Analysis (5)	Entity Diagram (5)	System Images against the Specification (5)	Total (25)

