



Varendra University

Department of Computer Science & Engineering

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Name of the Program: B. Sc. in CSE (Diploma)

Department: Computer Science and Engineering

Semester: 9th

Batch: 6th

Project Title: Hotel Booking Website.

Introduction: This is a hotel booking website where PHP and MySQL will be used. Users can book rooms in hotels if they want. Here there will be many complex MySQL to fetch data from the database and show it dynamically. Applying various filters and designing the database. Changing data dynamically.

Objective: My main objective is how to do a complete project and learn HTML, CSS, JavaScript, AJAX, PHP, and MySQL well and apply these in real life. So that I can get a good idea about the project after completing the BSc.

Features:

User End:

- Book hotel rooms
- Check booking availability
- Manage bookings - modify or cancel bookings
- Give review and ratings of booked rooms & its services
- User login and registration
- Profile management
- Online payment.

Admin End:

- Room management - add, modify or delete rooms details
- Manage users - view, delete, ban or un-ban users
- Booking management
 - Arrival status
 - Check-out change
 - Refund on cancellation & early check-out
 - Finalize booking
 - Generate invoice
- Add, modify or delete room features
- Add, modify or delete room services
- Review & rating Management
- Shutdown website

Project work plan:

1st month:

Front End:

- Main Pages
- Homepage
- Rooms
- Facilities
- Contact us
- About us

2nd Month:

- Login page.
- Register Page.
- Database.
- Debugging

3rd Month:

Additional Pages:

- My account - profile, bookings, review & ratings
- Checkout
- Search results
- Particular room

4th Month:

Admin End:

- Main Pages
- Rooms
- Users
- Bookings

5th Month:

Additional Pages:

- Review & ratings
- Shutdown
- Debugging

6th Month:

- Debugging

Hardware and software requirements:

Front End:

- HTML
- CSS
- JavaScript
- AJAX
- Bootstrap 5 (CSS framework)
- Some additional plugins or libraries for animation, invoice generation, carousels etc.

Back End:

- PHP
- MySQL