WP LAB

Cycle 2

1. Library Management System

PROBLEM DEFINITION: Develop a library management application that performs different operations in a library.

INPUT OUTPUT SPECIFICATION

There is a provision for staff and student to login. Staff can register themselves. Student can search for available books in the library and view the books borrowed by him./her. Staff can add, delete, issue, return and view list of books in library and also can add students.

DESIGN

LOGIN PAGE DETAILS

1. Registration and login page for staff
2. Registration and login page for student.

STAFF PAGE DETAILS

1. Provision to view the list of books in library.
2. Provision to add a book.
3. Provision to issue books.
4. Provision to delete a book.
5. Provision to update a book.
6. Provision to return a book.
7. Provision to add students.

STUDENT PAGE DETAILS

1. Provision to search available books.
2. Provision to view books borrowed by the student.
3. Online Railway Reservation

PROBLEM DEFINITION

Create an online railway ticket reservation system in which Administrator can add or delete train details. And user can book train tickets, cancel tickets and view ticket details.

INPUT-OUTPUT SPECIFICATION

It is required to add train details and store it in the database. It is also required to accept reservation details, generate booking number and reserve seats.

DESIGN

1. ADMIN PAGE DETAILS
2. Provision to add or delete train details.
3. Provision to view all train details and edit them.
4. USER PAGE DETAILS

a) Provision to book ticket.

b) Provision to cancel ticket.

c) Provision to view ticket details.

1. INDEX PAGE DETAILS
2. Provision to login.
3. Provision to sign up.
4. Hospital Room Management System

PROBLEM DEFINITION

Develop a hospital management application that performs operations related to rooms.

INPUT OUTPUT SPECIFICATION

There is a provision for students to register themselves. Staffs and Patients can login to manage hospital. Patients can edit their personal details & change their password in My Profile section,

check the rooms allocated for them & view the details of the room in Allocated Rooms section and get a new room based on their requirements in the Get Room section. Staffs can list all the rooms in the hospital, view each room details individually, discharge a room of a patient & delete a room totally in the Total Allocated Room section and add a new room in the hospital with room specifications in the Add Room section.

DESIGN

HOME PAGE DETAILS

1) Login page for Patients.

2) Login page for Staffs.

PATIENT PAGE DETAILS

1) Provision to see current personal details.

2) Provision for changing personal details and password.

3) Provision to view the rooms allocated to the patient.

4) Provision to get a room based on patient’s requirements.

STAFF PAGE DETAILS

1) Provision to list all the rooms.

2) Provision to view each room details individually.

3) Provision to discharge a room.

4) Provision to delete a room.

5) Provision to add a room with its specifications.