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. Hotel Room Management System

Problem Definition: Develop a hotel room management application that performs room booking with proper validations.