Lab Exercise: Flight Management System

Objective: Develop a Flight Management System using HTML, JSP, and Servlets with CRUD operations. The syst
allow users to manage flight information including adding new flights, viewing flight details, updating flight informat
and deleting flights.

Instructions:

Database Setup:

Create a MySQL database named FlightDB.

Create a table named Flight with the following schema:

```
CREATE TABLE Flight (
    flight_id INT PRIMARY KEY AUTO_INCREMENT,
    airline V ARCHAR(255) NOT NULL,
    flight_number V ARCHAR(20) NOT NULL,
    departure_airport V ARCHAR(255) NOT NULL,
    arrival_airport V ARCHAR(255) NOT NULL,
    departure_date DATETIME NOT NULL,
    arrival_date DATETIME NOT NULL
);
```

Login Page:

Create an HTML login page (login.html) with fields for roll number and password.

Validate the credentials username and password is your roll number . (Servlet: LoginServlet)

Upon successful login, store user information in session or cookies for the entire session.

CRUD Operations:

Implement Create, Read, Update, and Delete operations for flight records.

Create JSP pages (addFlight.jsp, viewFlight.jsp, updateFlight.jsp, deleteFlight.jsp) for each operation.

Each operation should correspond to a servlet (AddFlightServlet, ViewFlightServlet, UpdateFlightServlet,
DeleteFlightServlet).

User Interface:

Create HTML forms for adding and updating flight information (addFlightForm.html, updateFlightForm.html).

Display flight records in a tabular format on the view page (viewFlight.jsp).

Provide options to edit or delete each flight record.

Navigation:

Create a navigation menu on the homepage (home.jsp) to access CRUD operations.

Each menu option should link to the corresponding JSP page(navigation menu should be visible in every page by
include servlet) .