Menu Work Flow

Project Requirements:

* As a user, I can see all available flights from a city to a city.
  + User is presented with “MainMenu.html”
    - Provides user with 3 Buttons which correspond to different actions
      * User clicks “Search for Flights” Button
  + User is presented with “FlightSearch.html”
    - User is prompted to input flight details (POST Method)
      * Departure City (From)
      * Arrival City (To)
      * Departure Date
        + Servlet grabs the parameters from the Request Body (Flight Servlet)
        + Use the parameters within the request body to send a SELECT query to our SQL Database (Hibernate)
        + Grab the values returned by the query statement (Java Service Layer)
        + Print and Format the returned the Values on a web page (JavaScript or Java?)
* As a user, I can purchase one or more tickets on a flight.
  + Same steps for seeing all available flights
  + User is presented with “FlightOptions.html” (POST Method)
    - User is prompted to select the flight for which the user would like to purchase tickets (Radio Button?)
    - User is asked to input the quantity of tickets he/she would like to purchase (Text Field – min and max parameters)
    - User submits their entries
    - Ask the user to enter the name to go with each of the tickets
      * Parameters are grabbed by the Servlet
      * Use the parameters to reduce the number of available seats on the specified flight, assign the customer ID and the names to the appropriate ticket ID’s, and assign the customer ID and the assigned names to the next seat #.
      * Presents the user with their Customer ID
* As a user, I can check in for my flight.
  + User is presented with “MainMenu.html”
    - Provides user with 3 Buttons which correspond to different actions
      * User clicks “View Tickets” Button
  + User is presented with “Tickets.html”
    - Prompts the user for his/her Customer ID
      * The Customer ID is used as a parameter in a SELECT statement to grab entries from the Tickets table
      * The corresponding table entries are presented to the User
    - The entries are printed and formatted showing the User the Ticket ID, Seat Num, Flight Num, Name, Flight Details, and checkboxes for Check-In and Cancel
* As a user, I can cancel my ticket.
  + Same process as Checking In
  + Prompts User to validate their choice to cancel their ticket
    - “Are You Sure You Want to cancel?”
    - If “Yes”, their choice is returned to the servlet
      * The Ticket information is used to delete the entry from the database
* As an administrator, I can schedule a new flight.
* As an administrator, I can cancel a flight.
* As an administrator, I can view a flight manifest (flight details + passenger list)