**WRITE UP**

**SPRINT PLANING :**

**SPRINT 1:**

**SET UP THE WORKSPACE IN ECLIPSE IDE**

**CREATING GITHUB REPOSITORY TO KEEP**

**TRACKING**

**SET UP MAVEN PROJECT AND TOMCATE SERVER 8.5**

**FLOW OF APPLICATIONS USING SERVLETS,JSP MYSQL**

**SPRINT 2:**

**JAVA PROGRAM TO IMPLEMENT ALL CONCEPTS**

**EXECUTION OF PROGRAM AS PER REQUIREMENTS RUNING THEM IN TOMCAT 8.5 SERVER**

**PUSH THE CODE TO GITHUB**

**CHECK THE COMPLETION STATUS OF PROJECT**

**WRITE UP**

**STEP 1:** Create database in mysql named as flyaway.

**STEP 2:** Create a table named user with values email, password, name, Phone

number, Adhaar Number.

**STEP 3:** Create a table flights with values from, to, date, time, price.

**STEP 4:** Create a table admin and insert values admin mail id and password.

**STEP 5:** Create maven project in eclipse named as FlyAway .

**STEP 6:** Add dependencies in pom.xml file.

**STEP 7:** Create jsp file named as Admin page for admin login .

**STEP 8:** Create jsp file named as Admin Home page for admin usage

purpose.

**STEP 9:** Create jsp file named as Reset Password as admin wish they can

reset the password.

**STEP 10:** Home Page jsp file is created for the user to login

**STEP 11:** Insert Flight servlet will fetch the details entered by the admin and

add it to the mysql database.

**STEP 12 :** :User Registrartion file which ask the user to register with personal

details. Once if the user logged in it will ask for the flight details to

be booked. Flightlist.jspwill display the available flights and user

can select the flight and go for payment. BookFlight.jspwill ask the

payment and books the flight.

**STEP 13 :** Book Flight jsp which ask the user to enter the payment details.

Once its is successed it will display Flight Booked successfully.

**STEP 14**: DAO class which connects the java with the database. And tables

and columns were fetched from the database.

**STEP 15 :**StringUtil which handle the charactersandsymbols fetches from the

user and admin as well.

**STEP 16:** AdminLoginservlet will get the parameters entered by the user. If

the inputs are valid it takes to the AdminHome. If it is invalid it

shows invalid details to the user.

**STEP 15:** ResetPasswordservlet gets the input from the admin and save it to

The database.

**STEP 16:** UserRegistrationget the input from the user and save it to the

database.

**STEP 17:** UserLoginsevlet will get the inputs from the user and checks it with

the database and navigate to the next page.

**STEP 18:** Flight Listservlet will get the inputs from the user and checks it with

database and displays the flight if it is available or displays no flight

available if it is not in the database. If the flights are available it take

the payment entered by the user.

**STEP 19:** Logoutservlet logs out and take it to the homepage.

**STEP 20:** Run the project in server, Tomcat 8.5.

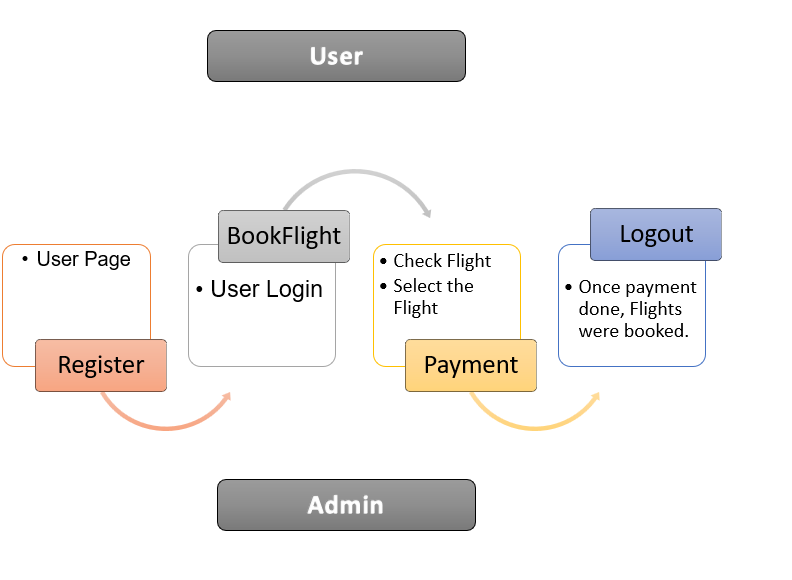
**STEP 21:** Clone repository of git hub to the Eclipse.

**STEP 22:** Stage the file from unstage and commit the message.

**STEP 23:** Push the File Handling file in the github through Eclipse **.**

**STEP 24:**  The project is developed by the developer Harshini A .

**FLOWCHART:**

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