

Flyaway Project

Project Developed by: Suraj Jaiswal

GitHub link – https://github.com/surajjaiswal9002/-Surajjaiswal-JAVA_FSD_1_CISCO_viren-.git

Planning and Task Completion

Sprint Planning and Task Completion


Note: A separate document for sprint planning is attached to the Zip.

The project is planned to be completed in two Sprints. The task assumed to be completed are:

Sprint 1: • Flow chart of the application • Initializing Git repository to track changes of development • Writing the source code

Sprint 2: • Testing the program with various user inputs • Pushing project to GitHub • Creating documentation

Creation of Story:

Row from  Product Backlog ✕

STORY NAME

FlyAway

SPRINT

2

SPRINT CODE NAME

The architecture design sprint

ESTIMATED EFFORT

4 days

PRIORITY

2

STORY STATUS

Not Started

▼ Show hidden columns

Creation of Task :

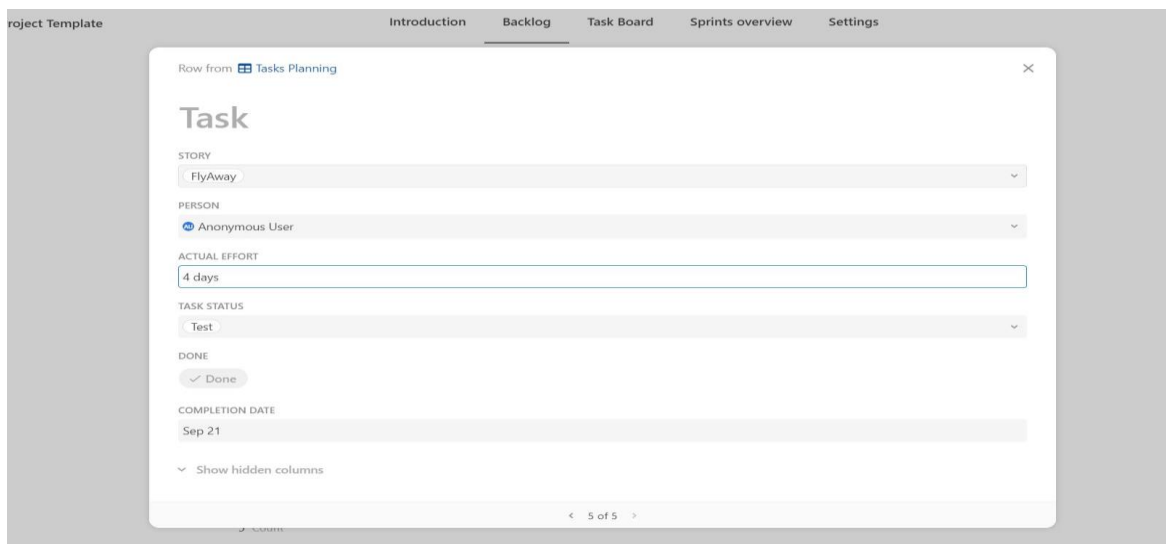
Development



The screenshot shows a 'Task' creation form with the following fields and values:

- STORY:** FlyAway
- PERSON:** Anonymous User
- ACTUAL EFFORT:** 4
- TASK STATUS:** Done
- DONE:** ☒ Done
- COMPLETION DATE:** Sep 21
- Show hidden columns:** (toggle)

Creation of Task : Testing



The screenshot shows a 'Task' creation form in a testing environment, with the following fields and values:

- Row from:** Tasks Planning
- Task:**
- STORY:** FlyAway
- PERSON:** Anonymous User
- ACTUAL EFFORT:** 4 days
- TASK STATUS:** Test
- DONE:** ☒ Done
- COMPLETION DATE:** Sep 21
- Show hidden columns:** (toggle)

At the bottom of the form, there is a pagination indicator: < 5 of 5 >

Core Concepts Used in the Project

- JAVA
- JSP
- HTML
- CSS
- Servlet
- JDBC
- Tomcat
- Exception Handling

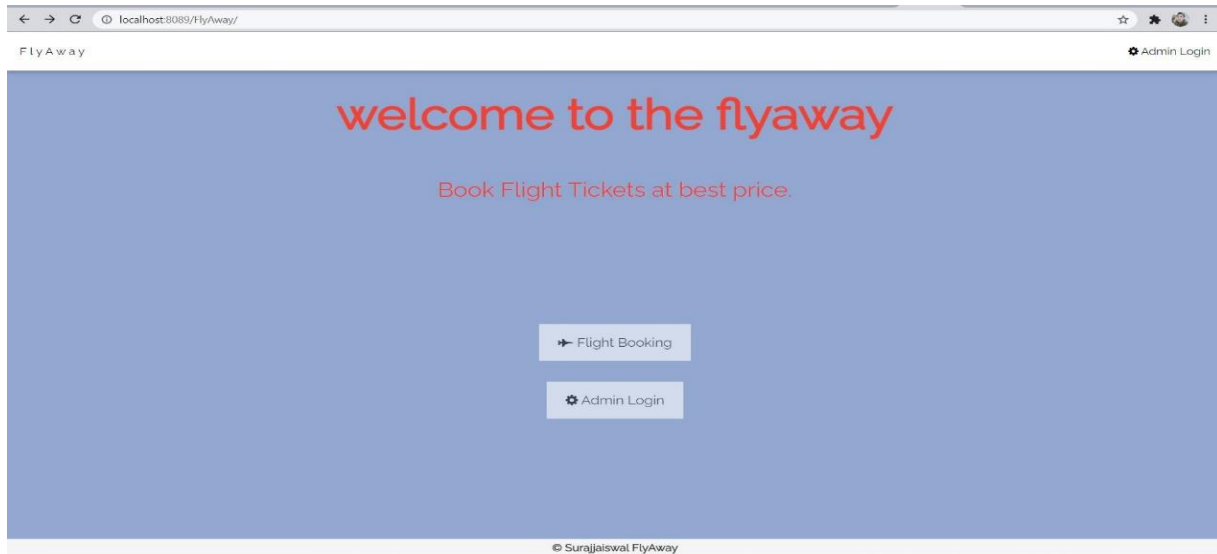
Product Capabilities

The Application follow :

- 1- Index.jsp
- 2- Login.jsp
- 3- Search-result.jsp
- 4- Searchportal.jsp
- 5- Show-booking.jsp
- 6- Add-flight.jsp
- 7- Admin_dashboard.jsp
- 8- Booking_details.jsp
- 9- Change_password.jsp
- 10- End.jsp
- 11- Thankyou.jsp
- 12- Com.details
 - Booking
 - Search
- 13 com.servlet
 - Changepassword
 - LoginSearchservlet

Source code for each of the capabilities with output is shown below: **Note: Complete source code, respective servlets of the app is zipped please check zip/Gitrepo for reference.**

1- Welcome page



2 – search flight page



3 – search result

The screenshot shows a web browser at localhost:8089/FlyAway/search-results.jsp. The page has a header with 'Fly Away' and an 'Admin Login' link. The main content area is titled 'Search Results' and displays flight information for a search from Bangalore to Bangalore on Monday for 1 traveller. It lists four flights: INDIGO, Air India, Jet Airways, and Fly Away, each with a 'Book This Flight' button.

Search Results

Showing available flights from Bangalore to Bangalore
Date of travel : MONDAY
No of travellers : 1

Select a flight.

name	f_no	source	destination	date	price	
INDIGO	201	Hydrabaad	Banglore	2021-09-20	4500	<button>Book This Flight</button>
Air India	202	Banglore	Jharsuguda	2021-09-19	4000	<button>Book This Flight</button>
Jet Airways	203	Jharsuguda	Hydrabaad	2021-09-21	3500	<button>Book This Flight</button>
Fly Awaya	225	chennai	jharsuguda	2021-08-4	3500	<button>Book This Flight</button>

4- Booking Details

The screenshot shows a web browser at localhost:8089/FlyAway/booking-details.jsp. The page has a header with 'Fly Away' and an 'Admin Login' link. The main content area is titled 'Booking Details' and contains a form for entering passenger details. The form fields are: Passenger Name (suraj jaiswal), Address (At-abhaynagar,Brajrajnagar,dist-jharsuguda,odisha), Age (23), Mobile (07978702558), Email (Surajjaiswal2558@gmail.com), and country (india). A 'Submit' button is at the bottom left, and a copyright notice is at the bottom center.

Booking Details

Enter Passenger Details

Passenger Name
suraj jaiswal

Address
At-abhaynagar,Brajrajnagar,dist-jharsuguda,odisha

Age
23

Mobile
07978702558

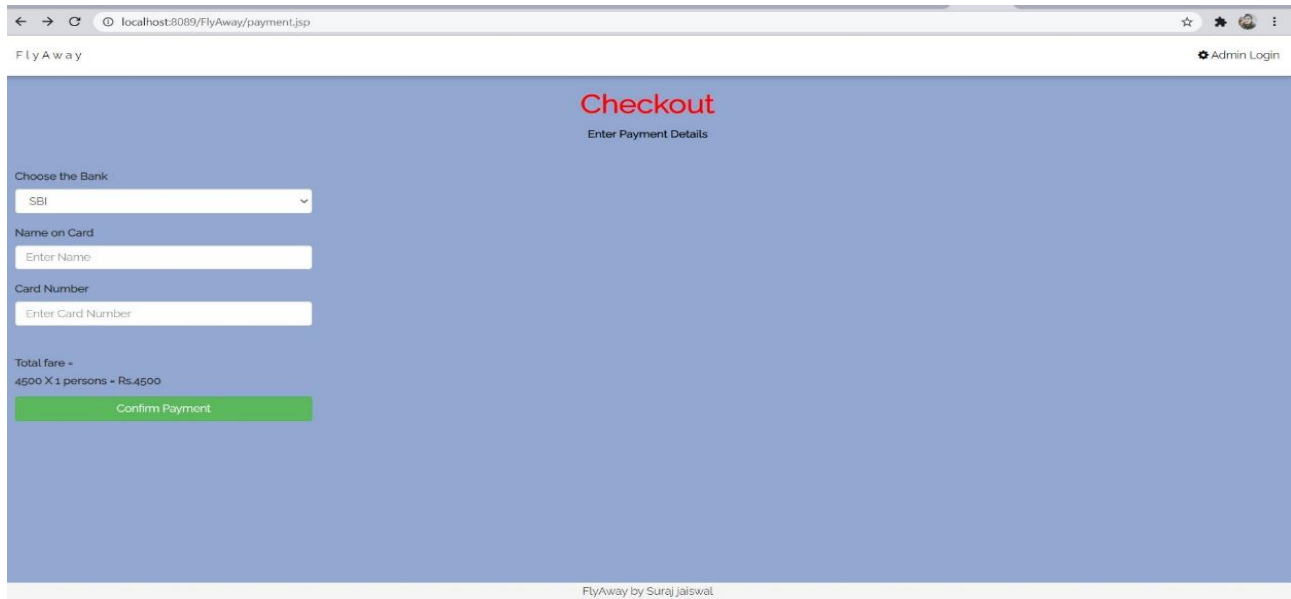
Email
Surajjaiswal2558@gmail.com

country
india

Submit

© Surajjaiswal FlyAway

5- Checkout



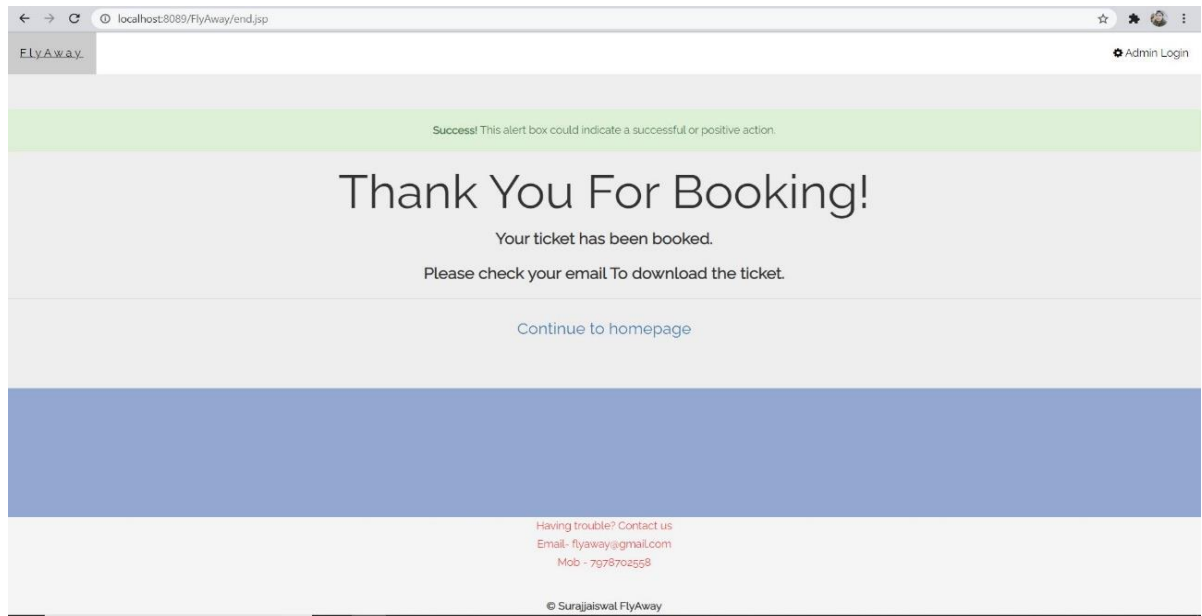
The screenshot shows a web browser window with the URL `localhost:8089/FlyAway/payment.jsp`. The page has a blue header with the "Fly Away" logo and an "Admin Login" link. The main content area has a blue background. At the top center, the word "Checkout" is written in red, with "Enter Payment Details" below it. On the left side, there is a form with the following fields: "Choose the Bank" (a dropdown menu showing "SBI"), "Name on Card" (a text input field with "Enter Name" placeholder), and "Card Number" (a text input field with "Enter Card Number" placeholder). Below these fields, the text "Total fare - 4500 X 1 persons - Rs.4500" is displayed. At the bottom of the form is a green button labeled "Confirm Payment". The footer of the page contains the text "FlyAway by Suraj jaiswal".

6- confirm payment



The screenshot shows a web browser window with the URL `localhost:8089/FlyAway/thank-you.jsp`. The page has a light gray header with the "Fly Away" logo and an "Admin Login" link. The main content area has a light gray background. At the top center, the word "Alet!" is written in red. Below it, the text "Total payment = 4500 X 1 persons = Rs.4500" is displayed in blue. Below this text is a green button labeled "Confirm Payment". The bottom section of the page has a blue background. The footer of the page contains the text "Having trouble? Contact us", "Email- flyaway@gmail.com", and "Mob - 7978702558".

7 – ThankYou page



8 -Admin login



9 – Admin Dashboard

The screenshot shows the Admin Dashboard for Fly Away. The browser address bar indicates the URL is localhost:8089/FlyAway/admin-dashboard.jsp. The page title is "Fly Away" and there is an "Admin Login" link. The dashboard header displays "Admin Dashboard" and a message: "You are LoggedIn as : admin@flyaway.com. Your Password is : Suraj". Below the header, there are four buttons: "Change Password", "Add new Flight", "Previous bookings", and "Logout". The main content area contains a table with flight bookings.

name	price	f_no	source	destination	date
INDIGO	4500	201	Hydrabaad	Banglore	2021-09-20
Air india	4000	202	Banglore	Jharsuguda	2021-09-19
Jet Airways	3500	203	Jharsuguda	Hydrabaad	2021-09-21
Fly Awaya	3500	225	chennai	jharsuguda	2021-08-4

© Surajaiswal FlyAway

10 Change password

The screenshot shows the Change Password page for Fly Away. The browser address bar indicates the URL is localhost:8089/FlyAway/change-password.jsp. The page title is "Fly Away" and there is an "Admin Login" link. The main content area displays "Password Change" and a form with a text input field labeled "Enter a new password". Below the input field, it says "Current Password : Suraj". There is a "Change Password" button.

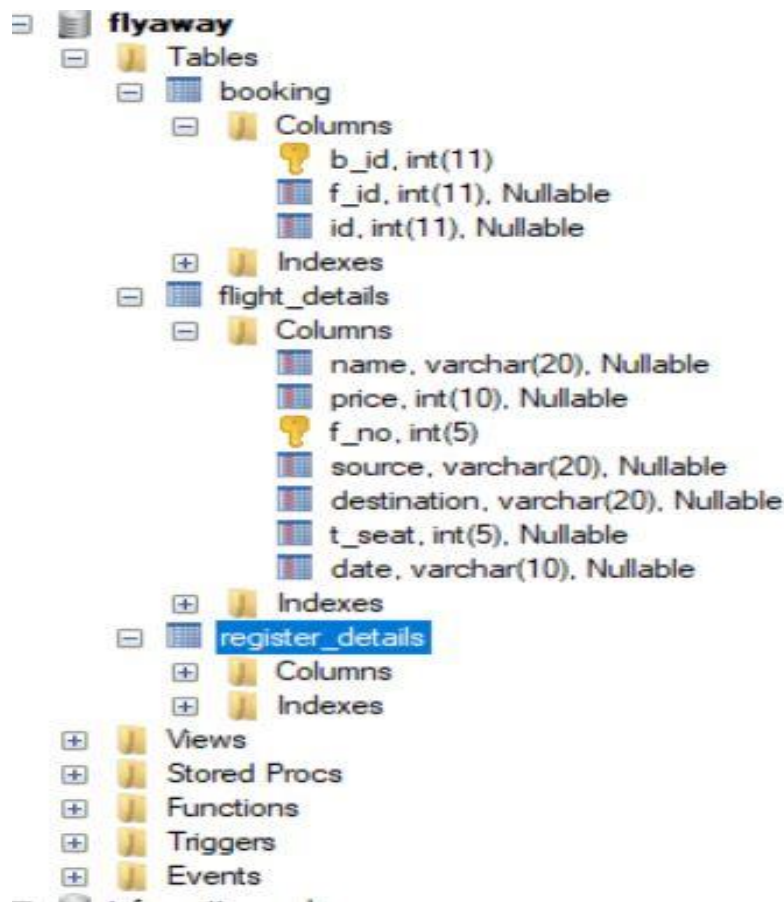
Enter a new password

Current Password : Suraj

Change Password

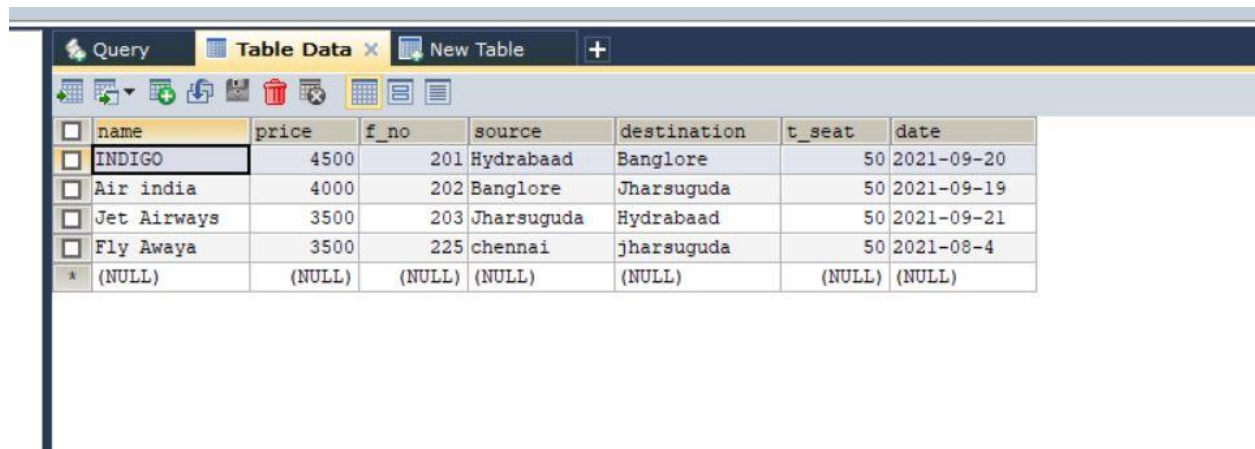
© Surajaiswal FlyAway

12 – Database tables



Query										
Table Data										
New Table										
Limit rows First row 0										
p_name	p_address	t_seat	p_mobile	p_email	source	cardNumber	id	destination	persons	price
suraj	Odisha	23	2147483647	surajaiswal9002@gmail.com	banglore	789456123bft		1 jharsuguda	(NULL)	4500
Nair	kerala	20	066459874	nair@gmail.com	jharsuguda	8845792sts		2 hydrabaad	(NULL)	4500
subham	hydrabaad	20	9456721	saf@gmail.com	Hydrabaad	6845184thyg56		3 banglore	(NULL)	4500
(NULL)	(NULL)	(NULL)	(NULL)	(NULL)	(NULL)	(NULL)	(Auto)	(NULL)	(NULL)	(NULL)

Flights table



The screenshot shows a web application interface with a 'Table Data' tab selected. The table contains flight information with columns: name, price, f_no, source, destination, t_seat, and date. The data rows are as follows:

<input type="checkbox"/>	name	price	f_no	source	destination	t_seat	date
<input type="checkbox"/>	INDIGO	4500	201	Hydrabaad	Banglore	50	2021-09-20
<input type="checkbox"/>	Air india	4000	202	Banglore	Jharsuguda	50	2021-09-19
<input type="checkbox"/>	Jet Airways	3500	203	Jharsuguda	Hydrabaad	50	2021-09-21
<input type="checkbox"/>	Fly Awaya	3500	225	chennai	jharsuguda	50	2021-08-4
<input checked="" type="checkbox"/>	(NULL)	(NULL)	(NULL)	(NULL)	(NULL)	(NULL)	(NULL)

Conclusion:

Further improvements to the application can be done which may include:

- User forgot password
- Show users in admin dashboard.
- Add flight in admin panel
- previous Booking

