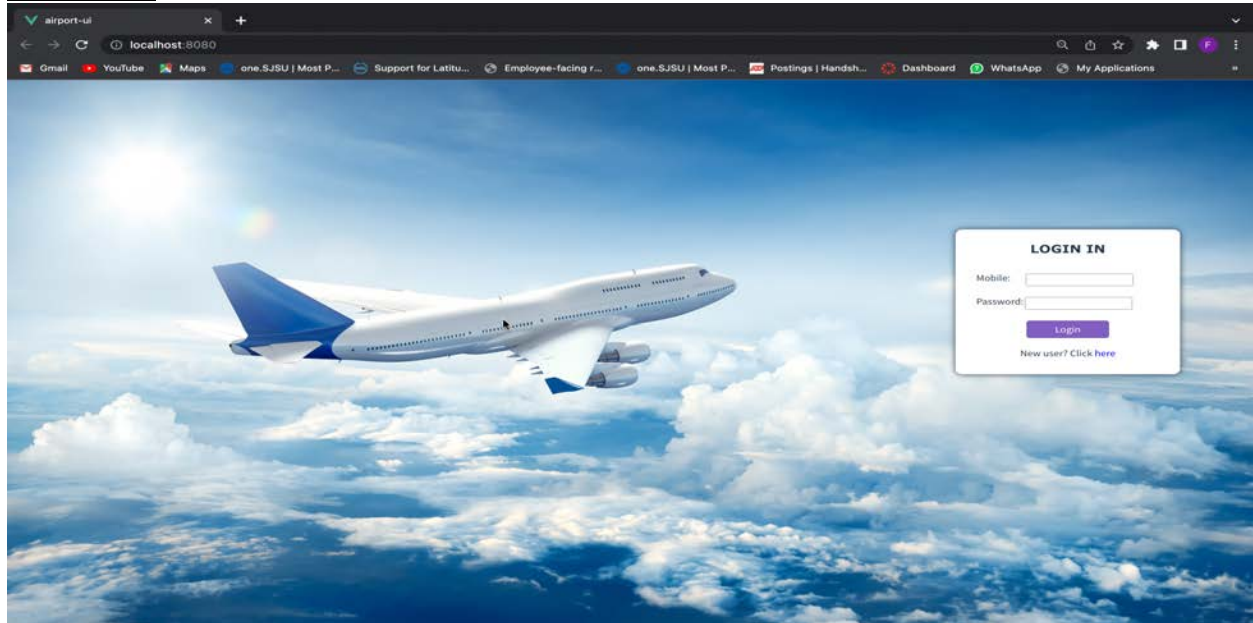
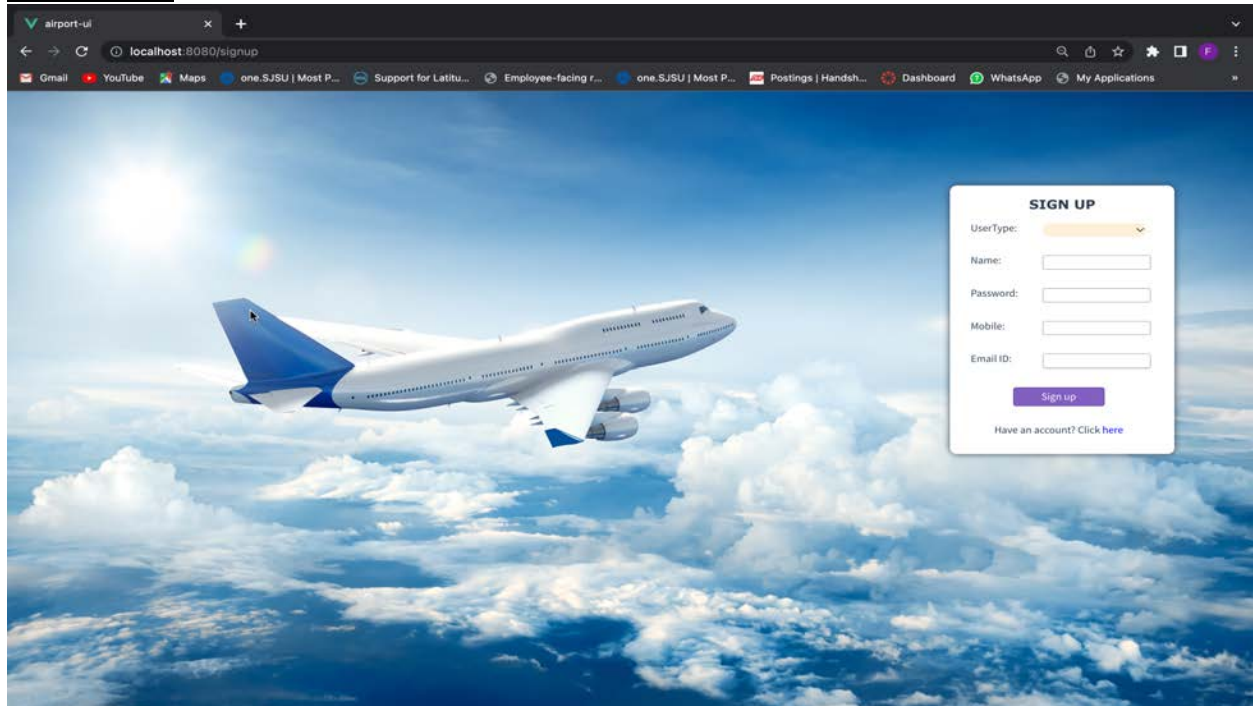


UI Wireframes

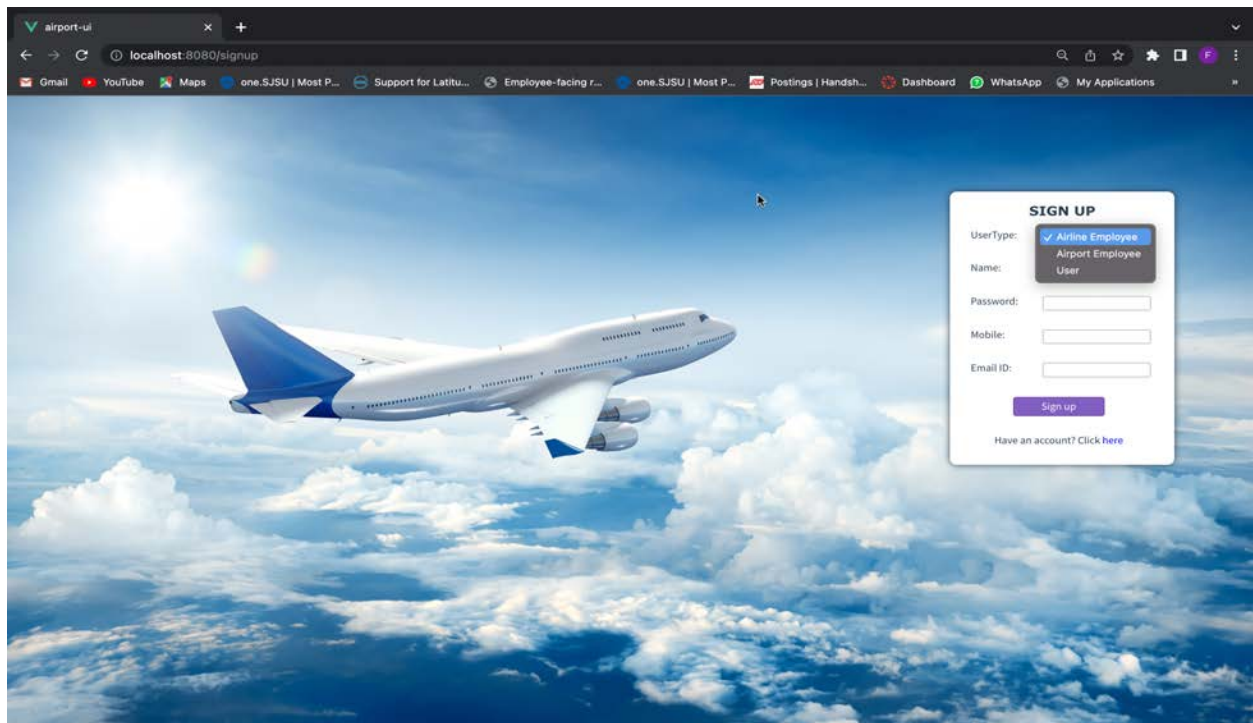
Login Page:



Signup Page:

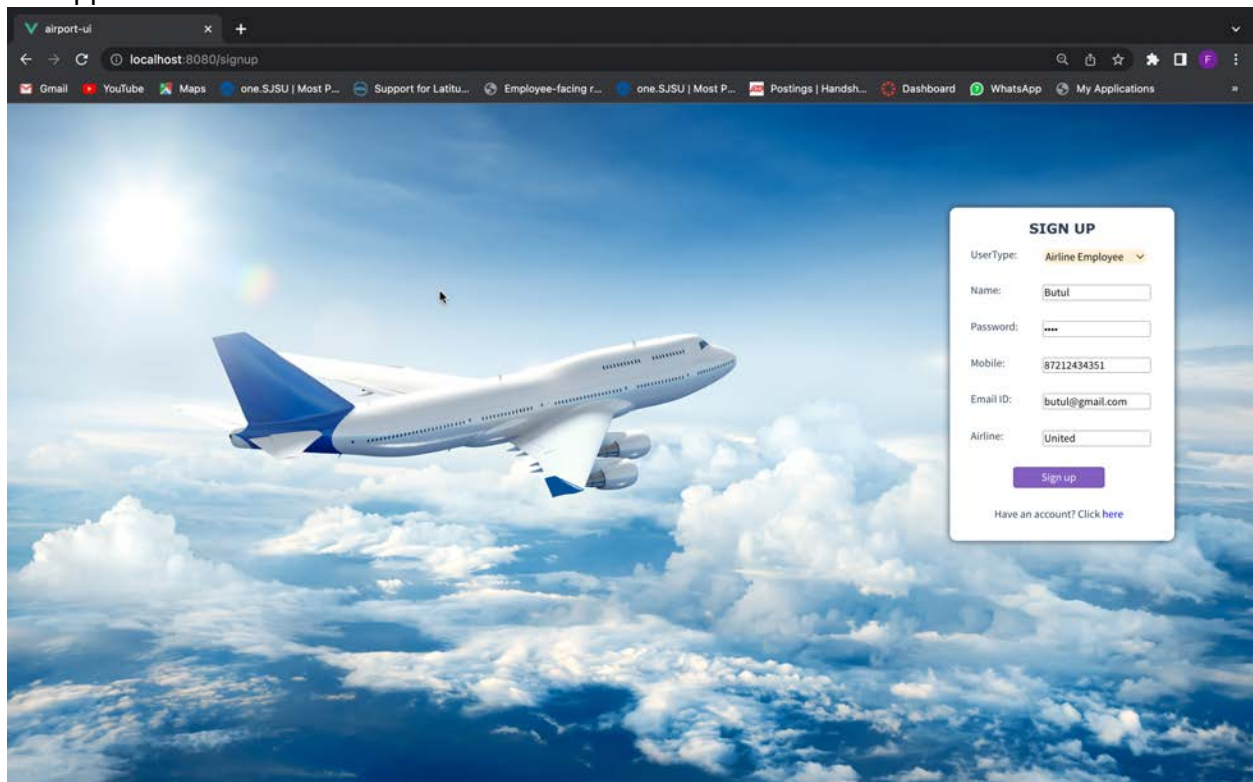


Based on 3 Roles:



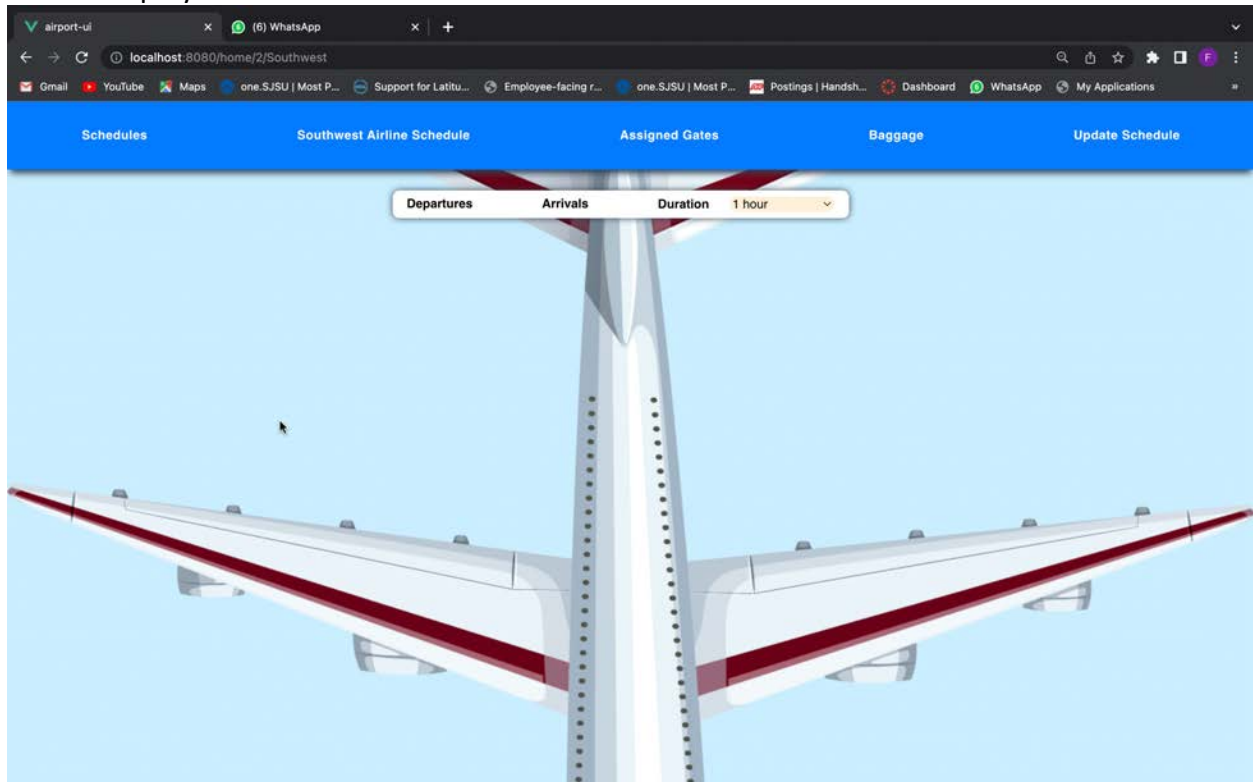
The screenshot shows a web browser window with the address bar displaying "localhost:8080/signup". The page features a large background image of a white airplane flying over a blue sky with white clouds. On the right side of the page, there is a "SIGN UP" form. The form includes a "UserType" dropdown menu with "Airline Employee" selected, a "Name" field, a "Password" field, a "Mobile" field, and an "Email ID" field. Below the form fields is a "Sign up" button and a link that says "Have an account? Click here".

Airline Employee Register the application by using same login credentials the employee login the application.



The screenshot shows the same web browser window as the previous one, but with the "SIGN UP" form fields filled out. The "UserType" dropdown menu is still set to "Airline Employee". The "Name" field contains "Butul", the "Password" field contains "****", the "Mobile" field contains "87212434351", and the "Email ID" field contains "butul@gmail.com". The "Airline" field is also present and contains "United". The "Sign up" button and the "Have an account? Click here" link are still visible below the form fields.

Airline Employee Dashboard



Airline Employee can see the schedules for departure flights based on time

The screenshot shows the same dashboard as above, but with the 'Departures' tab selected. Below the aircraft image, a table displays the departure schedule. The table has columns for Airlines, Departing To, Flight No, Status, Estimated., and Scheduled. The data is as follows:

Airlines	Departing To	Flight No	Status	Estimated.	Scheduled
Singapore Airlines	Los Angeles	6517	On-Time	17:58	17:58
Air Tahiti Nui	Los Angeles	3170	On-Time	18:02	18:02
Breeze Airways	Louisville	1250	On-Time	18:06	18:06
Korean Air	Seoul	1636	On-Time	18:10	18:10
Delta	Seoul	3306	On-Time	18:14	18:14
American	Dallas-Fort Worth	6277	On-Time	18:18	18:18
British Airways	Dallas-Fort Worth	1516	On-Time	18:22	18:22
Gol	Dallas-Fort Worth	8761	On-Time	18:26	18:26
JetBlue	New York	5083	Delayed	18:30	18:30
American	New York	1943	On-Time	18:34	18:34
Etihad	New York	5905	On-Time	18:38	18:38
Singapore Airlines	New York	4336	On-Time	18:42	18:42
Delta	Detroit	5445	On-Time	18:46	18:46
KLM	Detroit	6853	Delayed	18:50	18:50
KLM	Detroit	2768	On-Time	18:54	18:54

Airline Employee can see the schedules for arriving flights based on time

Airlines	Arriving From	Flight No	Status	Estimated.	Scheduled
Iberia Airlines	Los Angeles	6430	On-Time	17:56	17:56
Air Canada	Edmonton	6287	On-Time	18:00	18:00
United	Edmonton	7740	On-Time	18:04	18:04
China Eastern	Shanghai	5072	On-Time	18:08	18:08
Breeze Airways	Provo	4675	On-Time	18:12	18:12
Southwest	Las Vegas	8850	On-Time	18:16	18:16
China Airlines	Los Angeles	6482	On-Time	18:20	18:20
AeroMexico	Guadalajara	4298	On-Time	18:24	18:24
Virgin Atlantic	Guadalajara	4343	On-Time	18:28	18:28
Southwest	Los Angeles	7055	On-Time	18:32	18:32
Southwest	Phoenix	5258	On-Time	18:36	18:36
Aer Lingus	Philadelphia	3779	On-Time	18:40	18:40
United	Houston	8108	On-Time	18:44	18:44
American	Miami	5630	On-Time	18:48	18:48
Asiana	Los Angeles	3610	On-Time	18:52	18:52

Airline employee can see based on airline departure schedules

Airlines	Departing To	Flight No	Status	Estimated.	Scheduled
Southwest	Phoenix	1848	On-Time	18:58	18:58
Southwest	Phoenix	5213	On-Time	20:14	20:14
Southwest	Phoenix	5457	Delayed	21:30	21:30

Airline employee can see based on airline arriving flights schedules

Airline	Arriving From	Flight No	Status	Estimated.	Scheduled
Southwest	Las Vegas	8850	On-Time	18:16	18:16
Southwest	Los Angeles	7055	On-Time	18:32	18:32
Southwest	Phoenix	5258	On-Time	18:36	18:36
Southwest	Denver	7894	On-Time	19:00	19:00
Southwest	Los Angeles	7103	On-Time	19:08	19:08
Southwest	San Diego	2490	On-Time	19:12	19:12
Southwest	Las Vegas	8222	On-Time	19:36	19:36
Southwest	Los Angeles	2553	On-Time	19:52	19:52
Southwest	Phoenix	3779	On-Time	19:56	19:56
Southwest	Denver	8055	On-Time	20:20	20:20
Southwest	Los Angeles	8431	On-Time	20:28	20:28
Southwest	San Diego	3360	On-Time	20:32	20:32
Southwest	Las Vegas	2646	On-Time	20:56	20:56
Southwest	Los Angeles	8135	On-Time	21:12	21:12
Southwest	Phoenix	6238	On-Time	21:16	21:16
Southwest	Denver	1854	On-Time	21:40	21:40
Southwest	Los Angeles	8427	On-Time	21:48	21:48
Southwest	San Diego	6197	On-Time	21:52	21:52

Assigned Gates for Departures

Airlines	Departing To	Flight No	Status	Estimated.	Scheduled	Gate
Singapore Airlines	Los Angeles	6517	On-Time	17:58	17:58	T2G2
Air Tahiti Nui	Los Angeles	3170	On-Time	18:02	18:02	T1G3
Breeze Airways	Louisville	1250	On-Time	18:06	18:06	T3G5
Korean Air	Seoul	1636	On-Time	18:10	18:10	T1G4
Delta	Seoul	3306	On-Time	18:14	18:14	T3G3
American	Dallas-Fort Worth	6277	On-Time	18:18	18:18	T1G2
British Airways	Dallas-Fort Worth	1516	On-Time	18:22	18:22	T2G5

Assigned Gates for Arrivals

Airlines	Flight No	Status	Estimated.	Scheduled	Gate
Air Canada	6287	On-Time	18:00	18:00	T1G1
United	7740	On-Time	18:04	18:04	T2G4
China Eastern	5072	On-Time	18:08	18:08	T3G4
Breeze Airways	4675	On-Time	18:12	18:12	T1G5
Southwest	8850	On-Time	18:16	18:16	T3G2
China Airlines	6482	On-Time	18:20	18:20	T2G3
AeroMexico	4298	On-Time	18:24	18:24	T2G1

Baggage Carousel Assigned by Airport Employee viewable to Airline Employee

Airlines	Flight No	Carousel No
Southwest	8850	BC2

Airport Employee Add flight

Schedules Southwest Airline Schedule Assigned Gates Baggage Update Schedule

Update flight Add Flight

Southwest Airline

Flight No

7521

Scheduled

11/30/2022, 06:06 PM

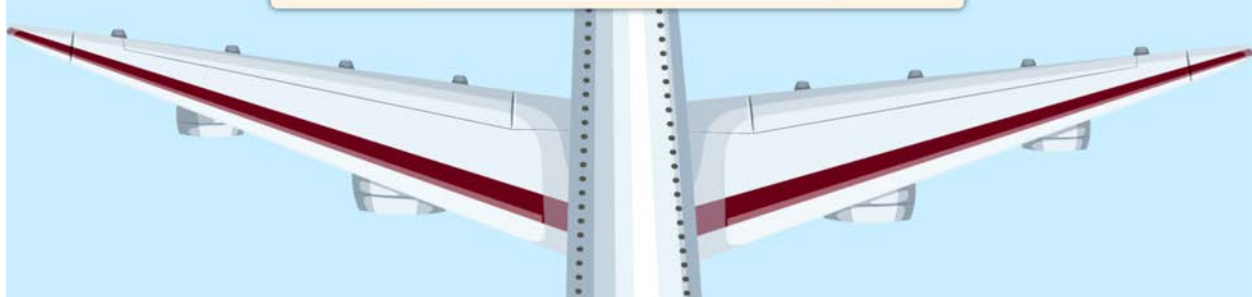
Arrival/Departure

Arrivals

Arriving From

Hyderabad

Submit



Flight is added in the Arrivals/Departures schedule

airport-uf (6) WhatsApp

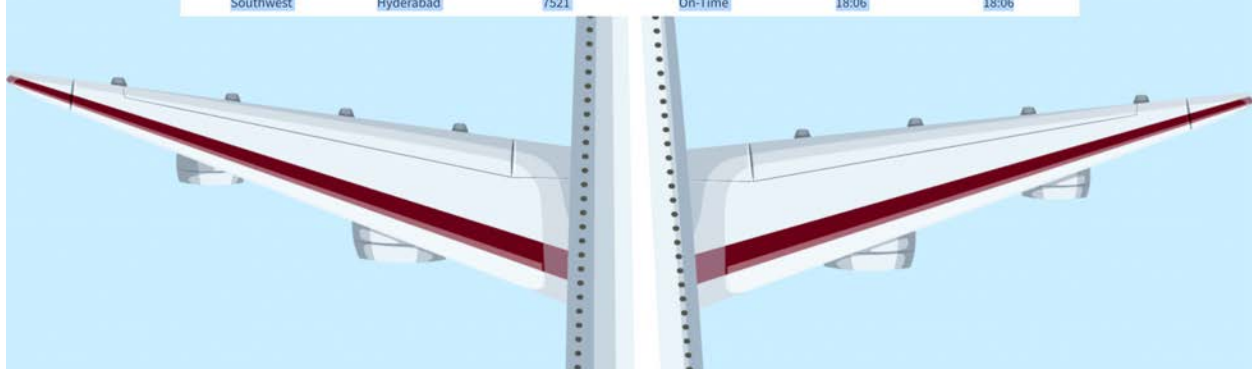
localhost:8080/home/2/Southwest#arrive

Schedules Southwest Airline Schedule Assigned Gates Baggage Update Schedule

Departures Arrivals Duration 1 hour

Arrivals

Airline	Arriving From	Flight No	Status	Estimated.	Scheduled
Southwest	Las Vegas	8850	On-Time	18:16	18:16
Southwest	Los Angeles	7055	On-Time	18:32	18:32
Southwest	Phoenix	5258	On-Time	18:36	18:36
Southwest	Denver	7894	On-Time	19:00	19:00
Southwest	Hyderabad	7521	On-Time	18:06	18:06



Update flight by Airline Employee

The screenshot shows a web browser window with the URL `localhost:8080/home/2/Southwest#update`. The application has a blue header with navigation links: Schedules, Southwest Airline Schedule, Assigned Gates, Baggage, and Update Schedule. A modal titled "Update flight" is open, featuring a "Select flight" dropdown menu with "8850" selected. Below this is a table with the following data:

Airlines	Arriving From	Flight No	Status	Estimated.	Scheduled
Southwest	Las Vegas	8850	On-Time	18:16	18:16

Below the table is a "Time" input field with the value "1" and an "Update" button. The background of the modal shows a stylized illustration of an airplane's wings.

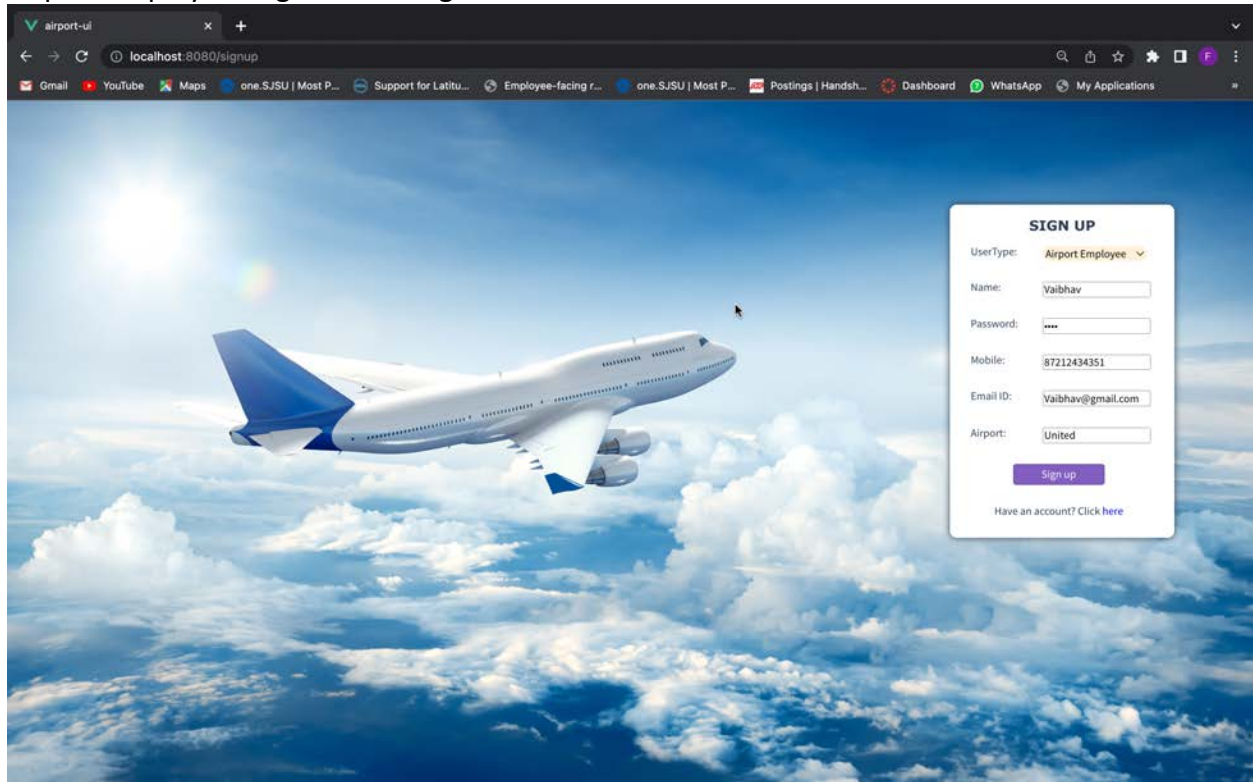
Updated the flight time in the Arrivals/Departure schedule

The screenshot shows the same web browser window, but the URL is `localhost:8080/home/2/Southwest#arrive`. The application has a blue header with navigation links: Schedules, Southwest Airline Schedule, Assigned Gates, Baggage, and Update Schedule. A dropdown menu at the top of the main content area shows "Departures", "Arrivals" (selected), and "Duration 1 hour". Below this is a table titled "Arrivals" with the following data:

Airline	Arriving From	Flight No	Status	Estimated.	Scheduled
Southwest	Las Vegas	8850	Delayed	18:10	10:16
Southwest	Los Angeles	7055	On-Time	18:32	18:32
Southwest	Phoenix	5258	On-Time	18:36	18:36
Southwest	Denver	7894	On-Time	19:00	19:00
Southwest	Hyderabad	7521	Delayed	18:08	10:06

The background of the table shows a stylized illustration of an airplane's wings.

Airport Employee Registration Page



The screenshot shows a web browser window with the URL `localhost:8080/signup`. The page features a background image of a white airplane flying over a blue sky with white clouds. On the right side, there is a "SIGN UP" form. The form includes a "UserType" dropdown menu set to "Airport Employee". Below this, there are input fields for "Name" (containing "Vaibhav"), "Password" (masked with dots), "Mobile" (containing "87212434351"), "Email ID" (containing "Vaibhav@gmail.com"), and "Airport" (containing "United"). A purple "Sign up" button is located below the input fields. At the bottom of the form, there is a link that says "Have an account? Click [here](#)".

SIGN UP

UserType: Airport Employee

Name:

Password:

Mobile:

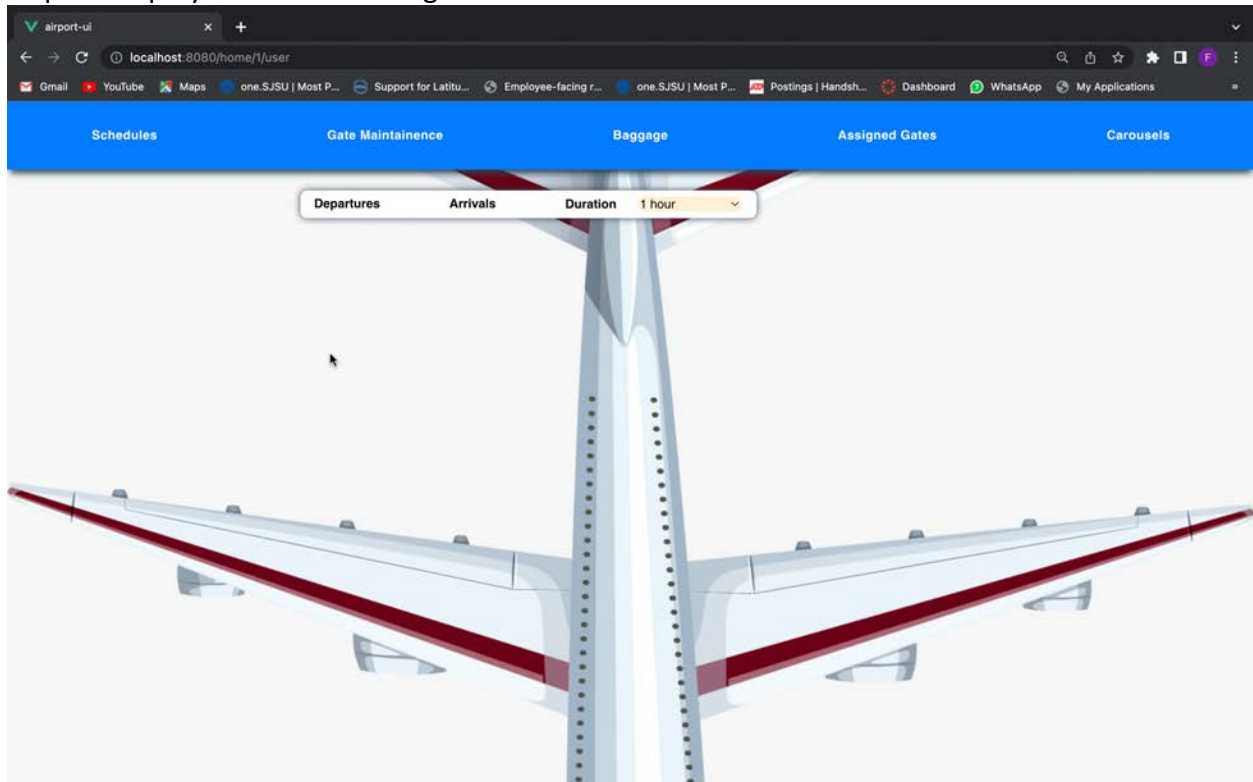
Email ID:

Airport:

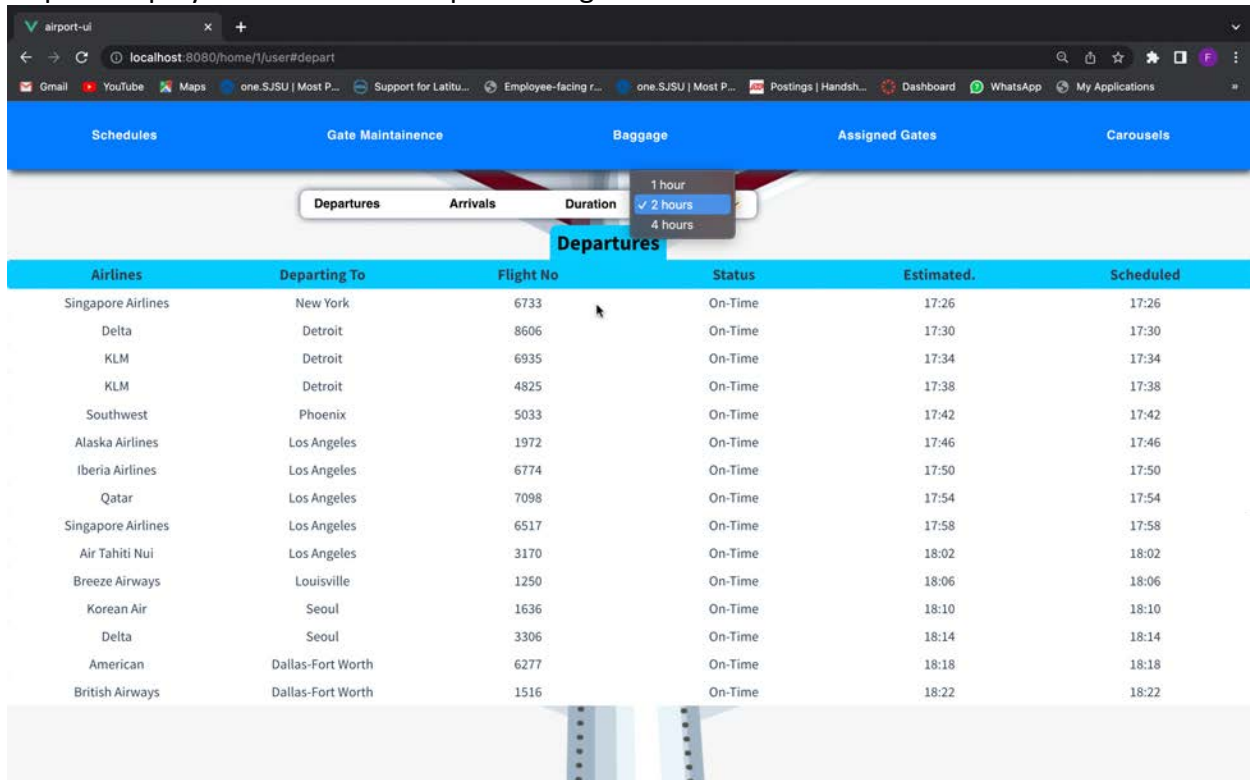
[Sign up](#)

[Have an account? Click here](#)

Airport employee Dashboard Page

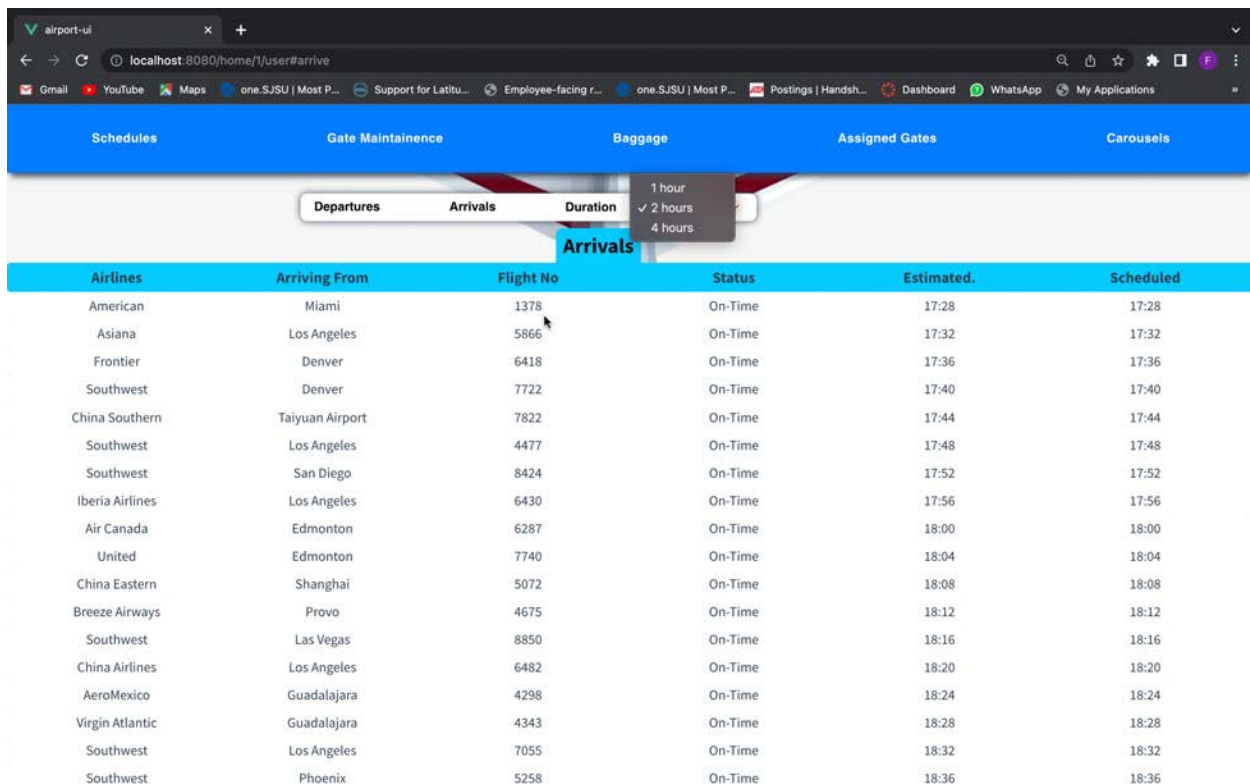


Airport employee can view the Departure flight schedules based on time



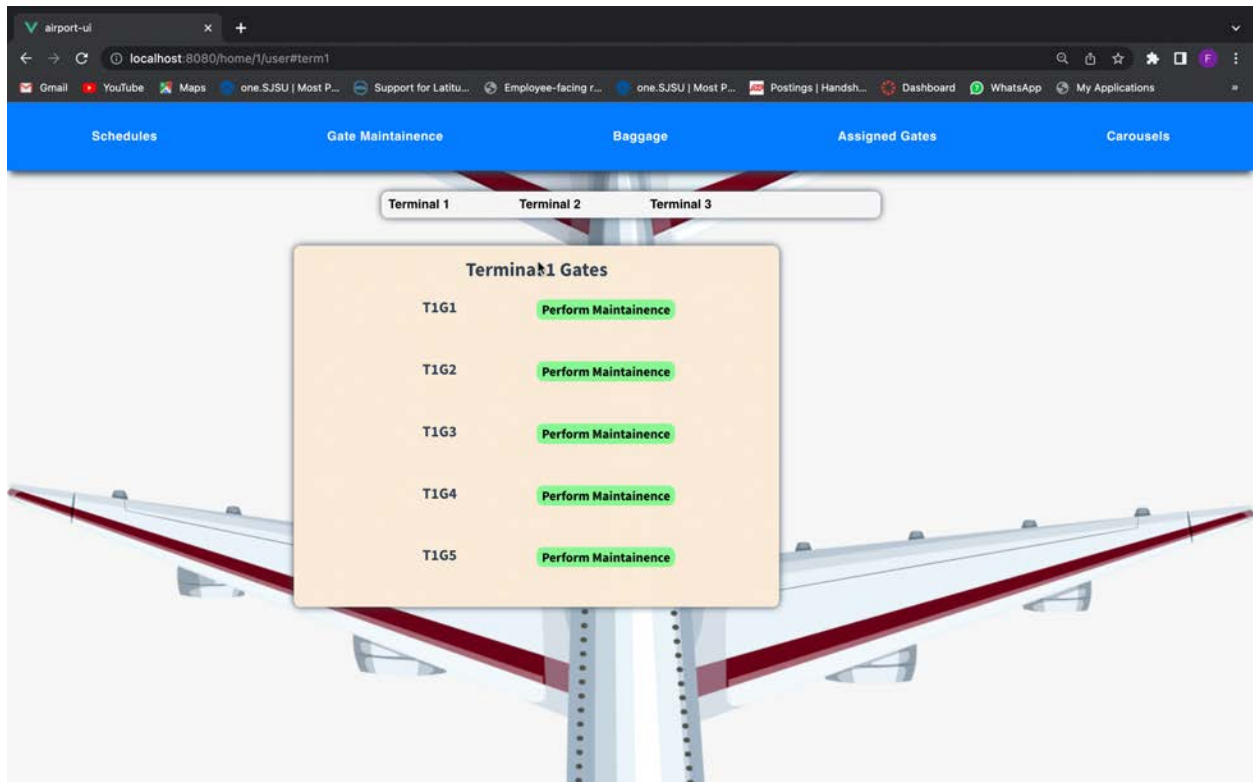
Airlines	Departing To	Flight No	Status	Estimated.	Scheduled
Singapore Airlines	New York	6733	On-Time	17:26	17:26
Delta	Detroit	8606	On-Time	17:30	17:30
KLM	Detroit	6935	On-Time	17:34	17:34
KLM	Detroit	4825	On-Time	17:38	17:38
Southwest	Phoenix	5033	On-Time	17:42	17:42
Alaska Airlines	Los Angeles	1972	On-Time	17:46	17:46
Iberia Airlines	Los Angeles	6774	On-Time	17:50	17:50
Qatar	Los Angeles	7098	On-Time	17:54	17:54
Singapore Airlines	Los Angeles	6517	On-Time	17:58	17:58
Air Tahiti Nui	Los Angeles	3170	On-Time	18:02	18:02
Breeze Airways	Louisville	1250	On-Time	18:06	18:06
Korean Air	Seoul	1636	On-Time	18:10	18:10
Delta	Seoul	3306	On-Time	18:14	18:14
American	Dallas-Fort Worth	6277	On-Time	18:18	18:18
British Airways	Dallas-Fort Worth	1516	On-Time	18:22	18:22

Airport employee can view the arriving flight schedules based on time

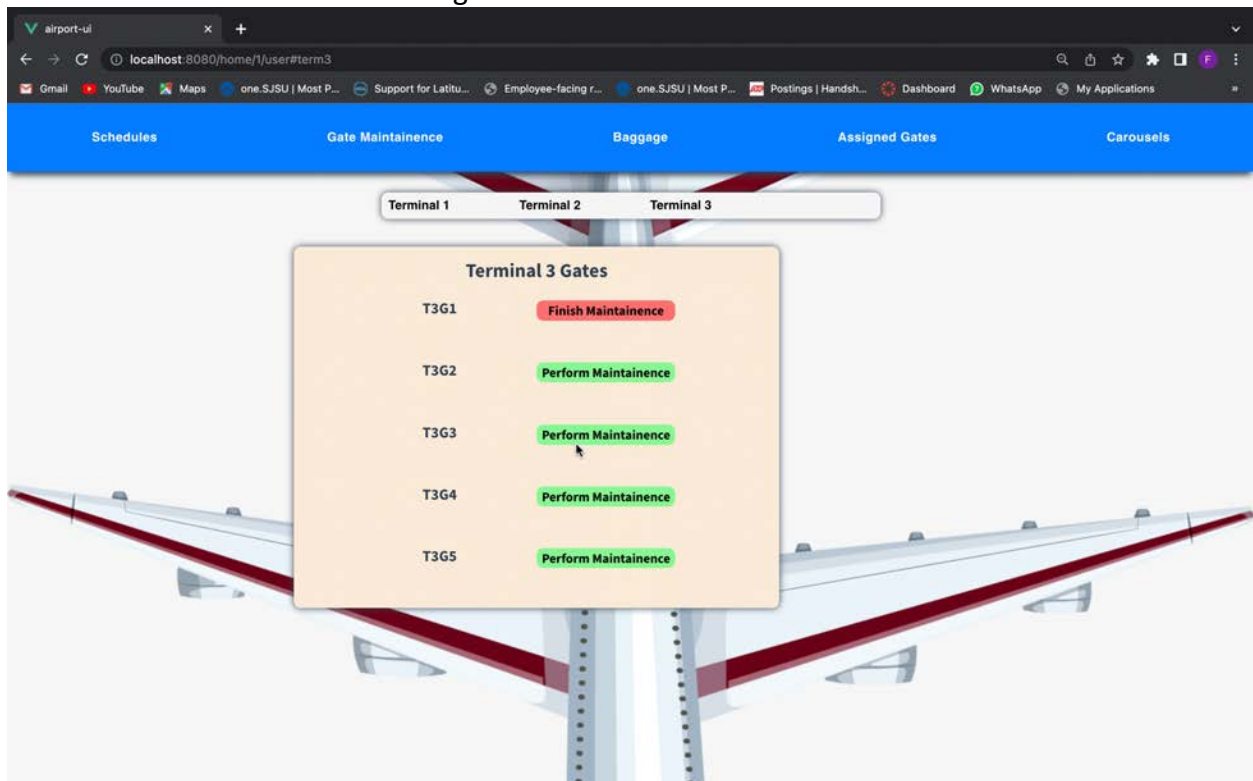


Airlines	Arriving From	Flight No	Status	Estimated.	Scheduled
American	Miami	1378	On-Time	17:28	17:28
Asiana	Los Angeles	5866	On-Time	17:32	17:32
Frontier	Denver	6418	On-Time	17:36	17:36
Southwest	Denver	7722	On-Time	17:40	17:40
China Southern	Taiyuan Airport	7822	On-Time	17:44	17:44
Southwest	Los Angeles	4477	On-Time	17:48	17:48
Southwest	San Diego	8424	On-Time	17:52	17:52
Iberia Airlines	Los Angeles	6430	On-Time	17:56	17:56
Air Canada	Edmonton	6287	On-Time	18:00	18:00
United	Edmonton	7740	On-Time	18:04	18:04
China Eastern	Shanghai	5072	On-Time	18:08	18:08
Breeze Airways	Provo	4675	On-Time	18:12	18:12
Southwest	Las Vegas	8850	On-Time	18:16	18:16
China Airlines	Los Angeles	6482	On-Time	18:20	18:20
AeroMexico	Guadalajara	4298	On-Time	18:24	18:24
Virgin Atlantic	Guadalajara	4343	On-Time	18:28	18:28
Southwest	Los Angeles	7055	On-Time	18:32	18:32
Southwest	Phoenix	5258	On-Time	18:36	18:36

Gate maintenance based on terminals



Here we see the different state of gate maintenance



carousel dashboard we see different baggage carousel

The screenshot shows a web application interface for an airport. At the top, there is a navigation bar with tabs: Schedules, Gate Maintenance, Baggage, Assigned Gates, and Carousels. Below the navigation bar is a table with the following columns: Airlines, Flight No, Status, Estimated., Scheduled, Carousel No, and Assign. The table lists 15 flights. A dropdown menu is open for the first flight (Frontier 6418), showing a list of baggage carousels from BC1 to BC22. The 'Assign' button for the first flight is highlighted.

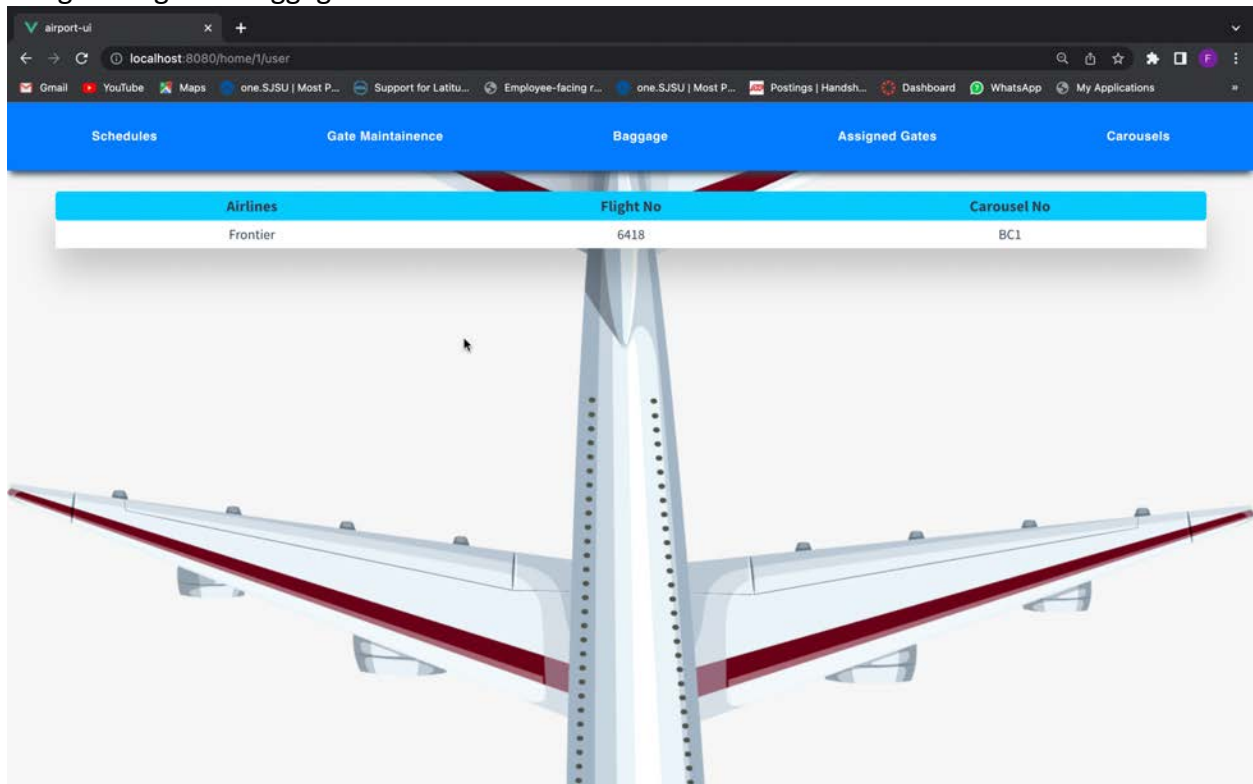
Airlines	Flight No	Status	Estimated.	Scheduled	Carousel No	Assign
Frontier	6418	On-Time	17:36	17:36	BC1	Assign
Southwest	7722	On-Time	17:40	17:40	BC2	Assign
China Southern	7822	On-Time	17:44	17:44	BC3	Assign
Southwest	4477	On-Time	17:48	17:48	BC4	Assign
Southwest	8424	On-Time	17:52	17:52	BC5	Assign
Iberia Airlines	6430	On-Time	17:56	17:56	BC6	Assign
Air Canada	6287	On-Time	18:00	18:00	BC7	Assign
United	7740	On-Time	18:04	18:04	BC8	Assign
China Eastern	5072	On-Time	18:08	18:08	BC9	Assign
Breeze Airways	4675	On-Time	18:12	18:12	BC10	Assign
Southwest	8850	On-Time	18:16	18:16	BC11	Assign
China Airlines	6482	On-Time	18:20	18:20	BC12	Assign
AeroMexico	4298	On-Time	18:24	18:24	BC13	Assign
Virgin Atlantic	4343	On-Time	18:28	18:28	BC14	Assign
Southwest	7055	On-Time	18:32	18:32	BC15	Assign

Assigning BC1 carousel to flight number 6418.

The screenshot shows the same web application interface as the previous one. The dropdown menu for the first flight (Frontier 6418) is now closed, and the 'Assign' button for the first flight is highlighted. The table data remains the same.

Airlines	Flight No	Status	Estimated.	Scheduled	Carousel No	Assign
Frontier	6418	On-Time	17:36	17:36	BC1	Assign
Southwest	7722	On-Time	17:40	17:40		Assign
China Southern	7822	On-Time	17:44	17:44		Assign
Southwest	4477	On-Time	17:48	17:48		Assign
Southwest	8424	On-Time	17:52	17:52		Assign
Iberia Airlines	6430	On-Time	17:56	17:56		Assign
Air Canada	6287	On-Time	18:00	18:00		Assign
United	7740	On-Time	18:04	18:04		Assign
China Eastern	5072	On-Time	18:08	18:08		Assign
Breeze Airways	4675	On-Time	18:12	18:12		Assign
Southwest	8850	On-Time	18:16	18:16		Assign
China Airlines	6482	On-Time	18:20	18:20		Assign
AeroMexico	4298	On-Time	18:24	18:24		Assign
Virgin Atlantic	4343	On-Time	18:28	18:28		Assign
Southwest	7055	On-Time	18:32	18:32		Assign

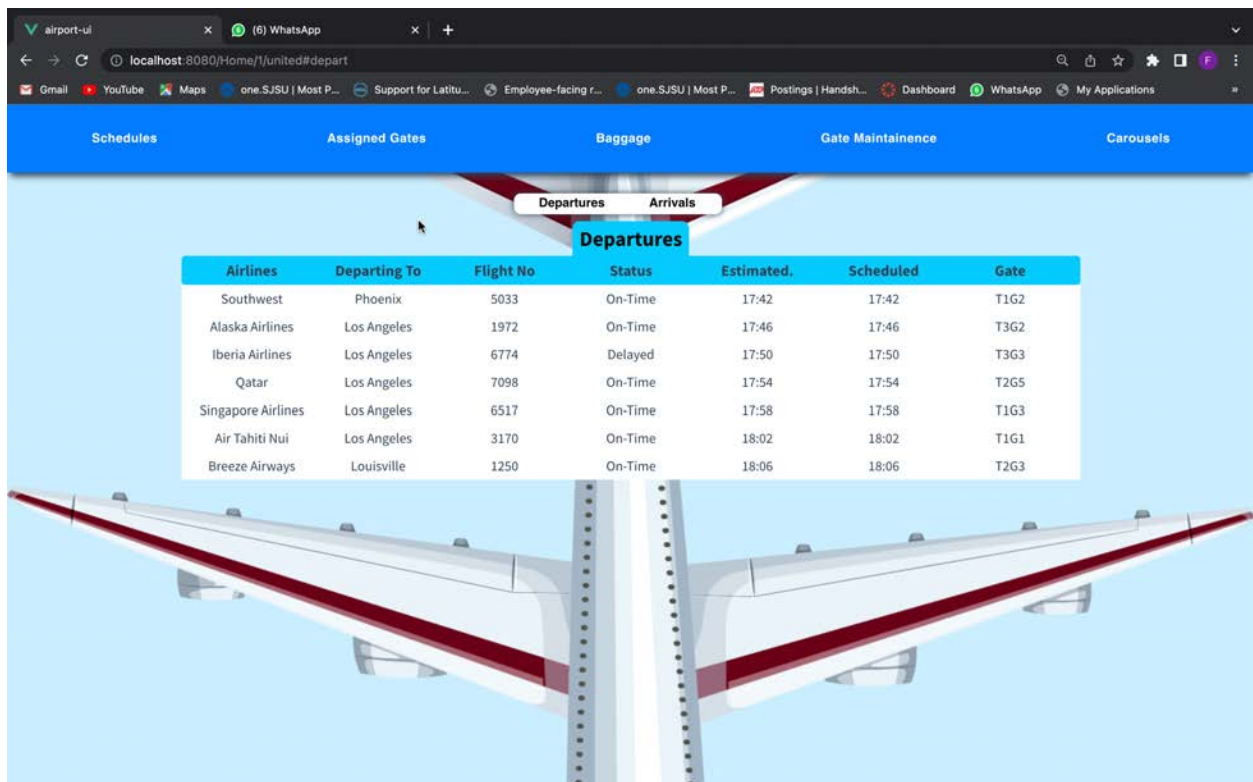
Assigned flight to baggage carousel number



The screenshot shows a web application interface for an airport. The top navigation bar is blue and contains the following tabs: Schedules, Gate Maintenance, Baggage, Assigned Gates, and Carousels. Below the navigation bar, there is a table with three columns: Airlines, Flight No, and Carousel No. The table contains one row of data: Frontier, 6418, and BC1. The background of the interface features a large, stylized illustration of an airplane's tail and wings.

Airlines	Flight No	Carousel No
Frontier	6418	BC1

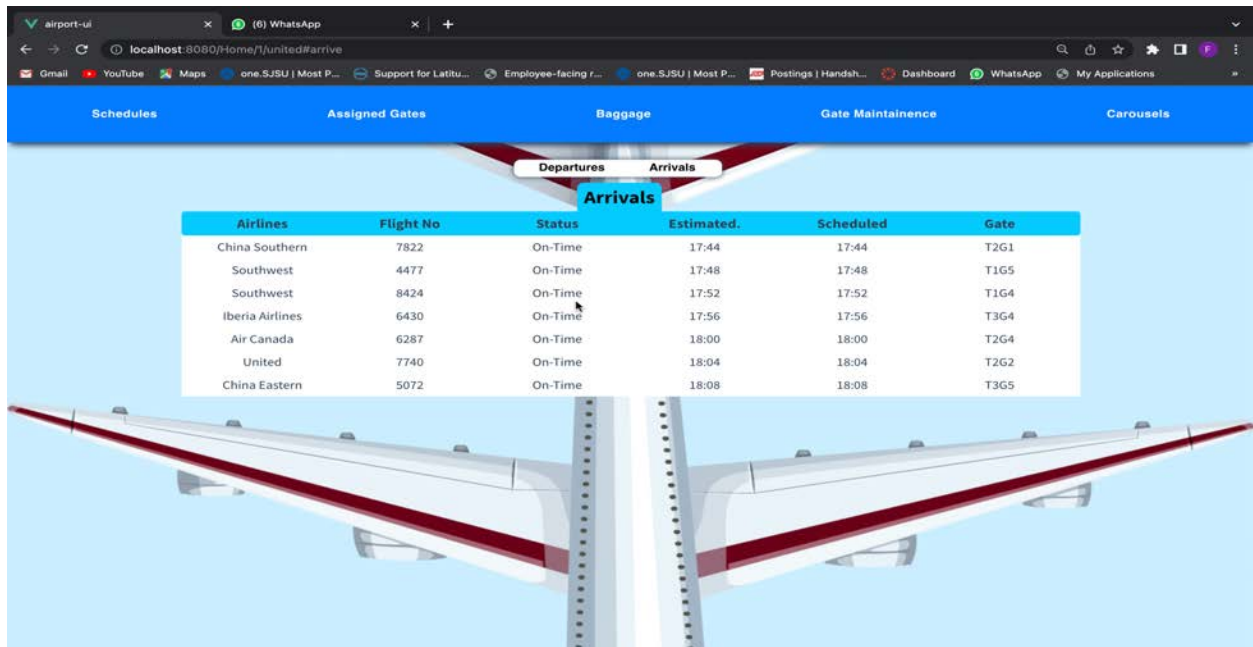
Based on united airline departure



The screenshot shows a web application interface for an airport. The top navigation bar is blue and contains the following tabs: Schedules, Assigned Gates, Baggage, Gate Maintenance, and Carousels. Below the navigation bar, there is a table with seven columns: Airlines, Departing To, Flight No, Status, Estimated, Scheduled, and Gate. The table contains seven rows of data. The background of the interface features a large, stylized illustration of an airplane's tail and wings.

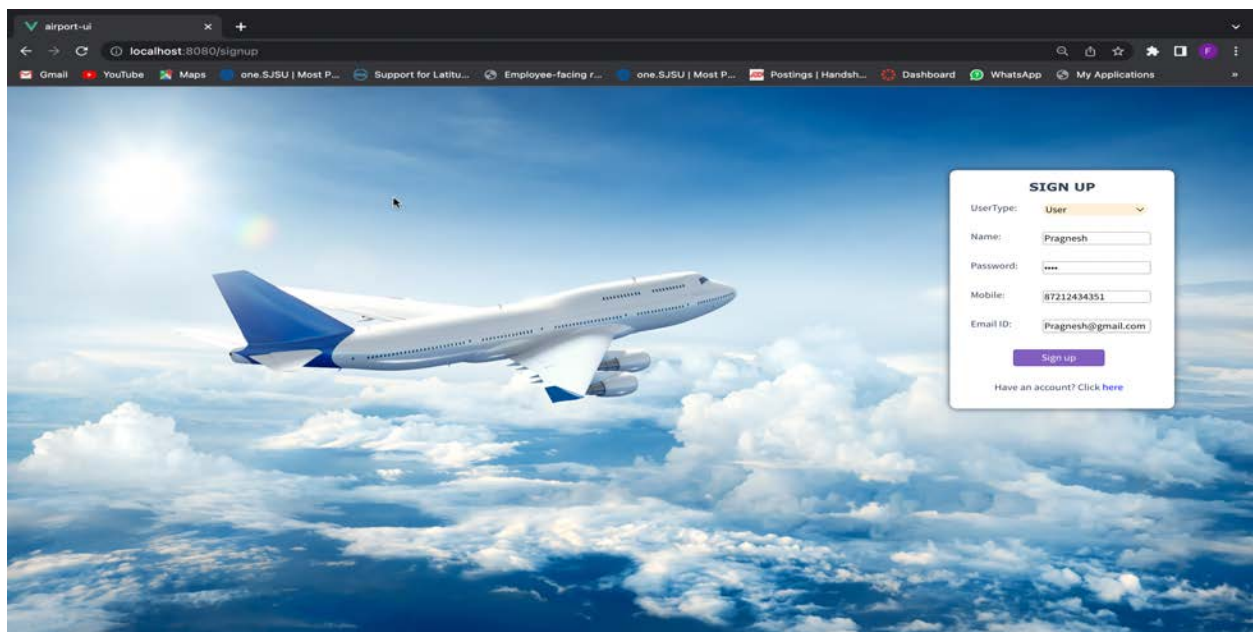
Airlines	Departing To	Flight No	Status	Estimated	Scheduled	Gate
Southwest	Phoenix	5033	On-Time	17:42	17:42	T1G2
Alaska Airlines	Los Angeles	1972	On-Time	17:46	17:46	T3G2
Iberia Airlines	Los Angeles	6774	Delayed	17:50	17:50	T3G3
Qatar	Los Angeles	7098	On-Time	17:54	17:54	T2G5
Singapore Airlines	Los Angeles	6517	On-Time	17:58	17:58	T1G3
Air Tahiti Nui	Los Angeles	3170	On-Time	18:02	18:02	T1G1
Breeze Airways	Louisville	1250	On-Time	18:06	18:06	T2G3

Based on united airline arrival



Arrivals					
Airlines	Flight No	Status	Estimated.	Scheduled	Gate
China Southern	7822	On-Time	17:44	17:44	T2G1
Southwest	4477	On-Time	17:48	17:48	T1G5
Southwest	8424	On-Time	17:52	17:52	T1G4
Iberia Airlines	6430	On-Time	17:56	17:56	T3G4
Air Canada	6287	On-Time	18:00	18:00	T2G4
United	7740	On-Time	18:04	18:04	T2G2
China Eastern	5072	On-Time	18:08	18:08	T3G5

Registration for Passenger



SIGN UP

UserType: User

Name:

Password:

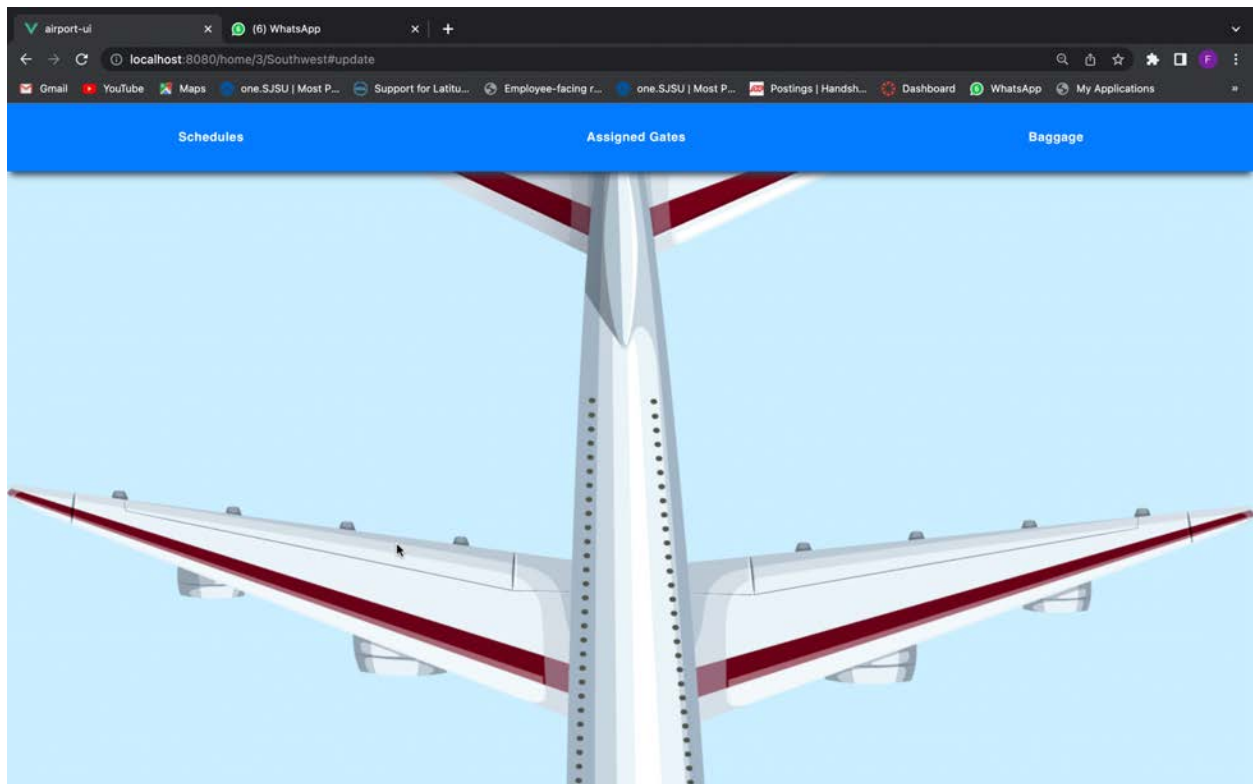
Mobile:

Email ID:

[Sign up](#)

[Have an account? Click here](#)

Passenger Dashboard screen

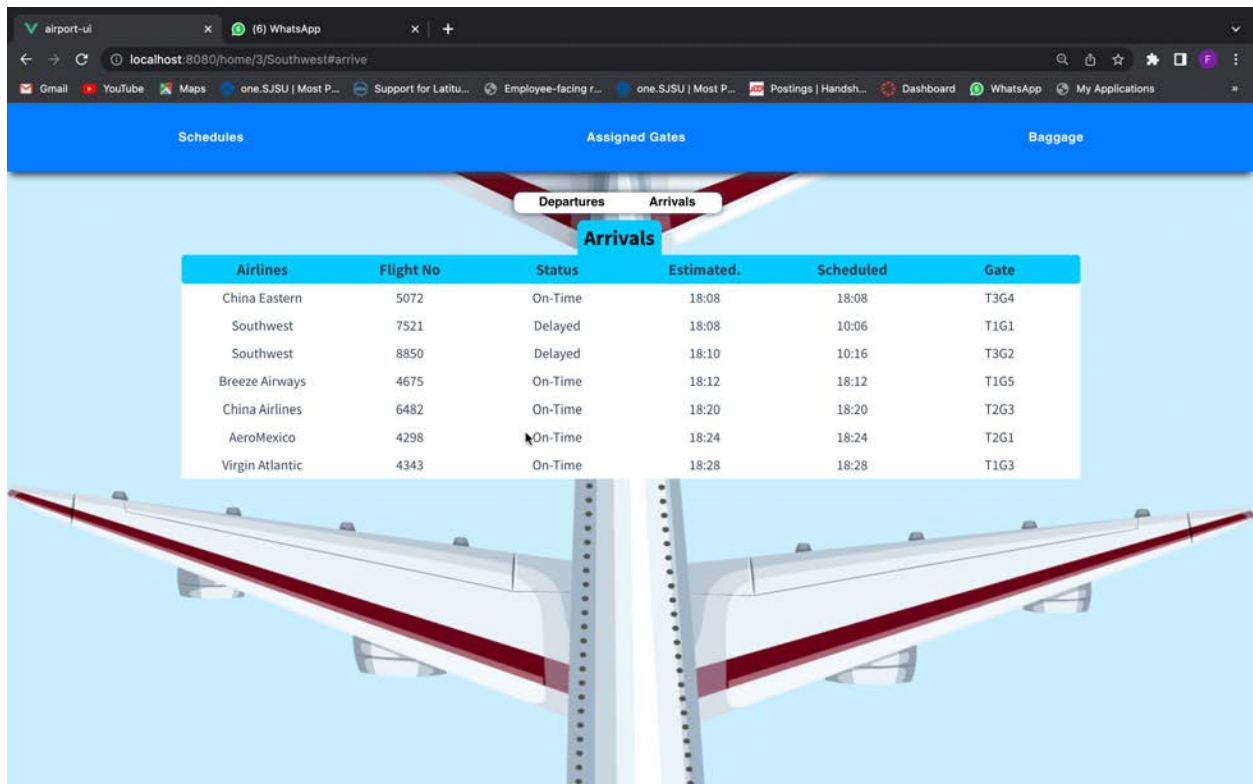


Passenger departure schedules

The screenshot shows the same airport management interface as above, but with the 'Schedules' tab selected. Below the header, there are two sub-tabs: 'Departures' (which is active) and 'Arrivals'. A table of departure schedules is displayed over the airplane illustration background.

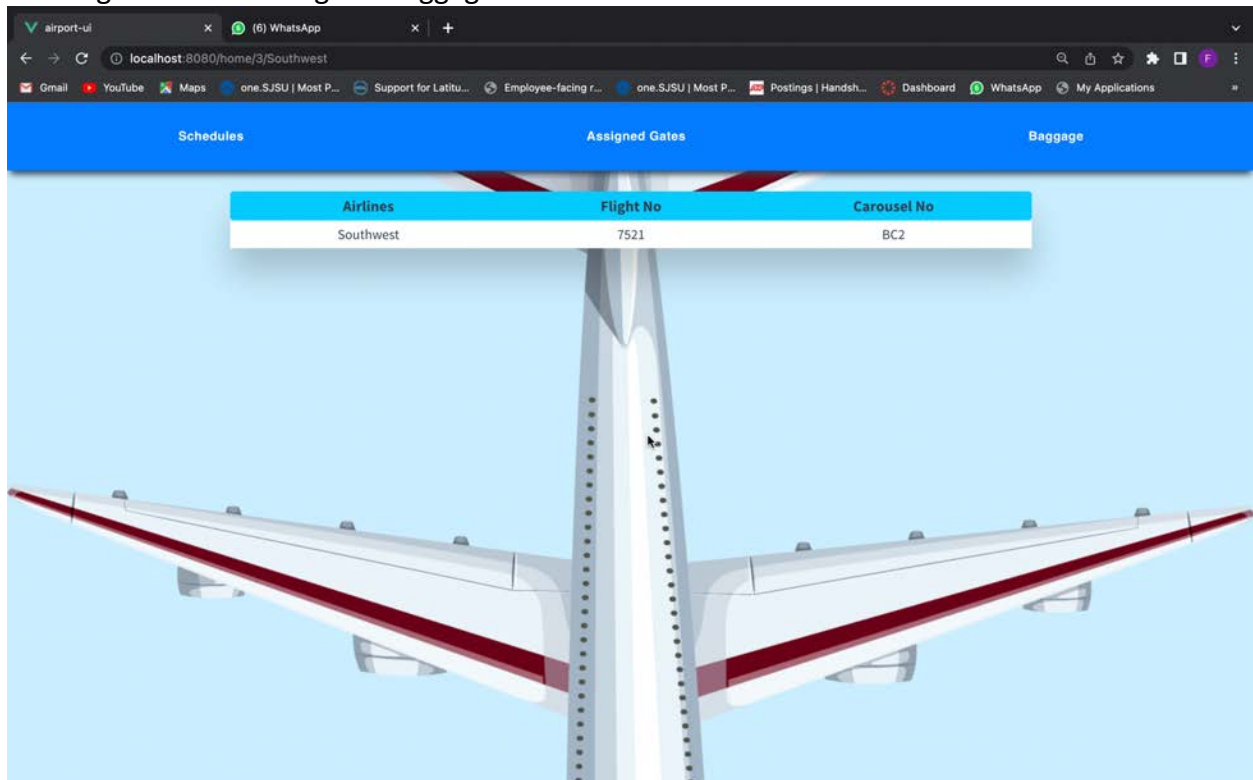
Airlines	Departing To	Flight No	Status	Estimated,	Scheduled	Gate
Breeze Airways	Louisville	1250	On-Time	18:06	18:06	T3G5
Korean Air	Seoul	1636	On-Time	18:10	18:10	T1G4
Delta	Seoul	3306	On-Time	18:14	18:14	T3G3
American	Dallas-Fort Worth	6277	On-Time	18:18	18:18	T1G2
British Airways	Dallas-Fort Worth	1516	On-Time	18:22	18:22	T2G5
Gol	Dallas-Fort Worth	8761	On-Time	18:26	18:26	T2G2

Passenger arrival schedules



Airlines	Flight No	Status	Estimated.	Scheduled	Gate
China Eastern	5072	On-Time	18:08	18:08	T3G4
Southwest	7521	Delayed	18:08	10:06	T1G1
Southwest	8850	Delayed	18:10	10:16	T3G2
Breeze Airways	4675	On-Time	18:12	18:12	T1G5
China Airlines	6482	On-Time	18:20	18:20	T2G3
AeroMexico	4298	On-Time	18:24	18:24	T2G1
Virgin Atlantic	4343	On-Time	18:28	18:28	T1G3

Passenger can view assigned Baggage carousel



Airlines	Flight No	Carousel No
Southwest	7521	BC2