

CSU11013 Programming Project 2025 Report

Group 2

Individual Contributions Summary

Name	Student ID	Contribution Summary
Yu Xue Chen	23373711	The Filter of the flight method for arrival and origin city search. The arrival and origin city screen UI. The displaying of the flights in plane tickets format.
Ho Hon Ma	24380273	CSV Parsing, Queries, Bar Chart, Flight Info Display, Data Visualization, Reading Data, Mousepress, MouseScroll, Merging Flight Class, Aesthetics, Comments for all code
Saanvi Boggaram	24380506	Data Visualization, Charts
Yan Wa Lee	24382959	Creating main screen (MainScreen, Screen and Widget class), scrolling function, merging and debugging, visuals
Yao Han	23376670	Flight data sorting (date/city), dynamic labels, state tracking, and UX-focused reset logic.
Dana Barri	24381806	Chatted with Professor individually

System Design

1. Data Input and Parsing

- Raw flight data is read line-by-line from a CSV or file input.
- Each line is parsed into a Flight object and stored in an ArrayList<Flight>.

2. Screens and Navigation

- UI is managed through multiple custom Screen objects:
 - MainScreen: Entry point for user interaction.
 - Different functional buttons
- Buttons and widgets use the Widget class, handling interaction and appearance.

3. Data Filtering and Display

- Flights are filtered by user selection (e.g., by city, date, or cancellation status).
- Matching flights are displayed in scrollable lists or bar charts.

4. Visualization Logic

- Bar charts represent totals.
- Mouse clicks on bars/buttons trigger filtering and screen transitions.

5. User Interaction

- Mouse events (mousePressed & mouseWheel) manage navigation, scrolling, and selection.
- Button change colour feature when mouse is hovering over them.
- Sorting functions allow date based order organization.

Core Features

1. Flights by Date Range:

- Flights are sorted by Date in default
- When the user selects the Monthly flights Button on Main Screen, a bar chart will be shown.
- The Bar chart will illustrate the number of flights each day of the month.
- When a bar on the bar chart is clicked, the corresponding flights info will be displayed.
- Scrolling is implemented.

2. Flights by Origin Airport:

- User can type in an origin city's name to get all the flight details displayed in a flight ticket visualisation
- Colour of the tickets is
 - o Blue, if it is on time
 - o Red, if it is cancelled
 - o Orange, if it is delayed
- User can sort flights with Ascend/Descends Date or Ascends/Descends alphabetic order of City Name.
- Search Box allows User I/O Interactions
- The scrolling function is implemented

3. Flights by Arrive Airport:

- Similar features as Origin City

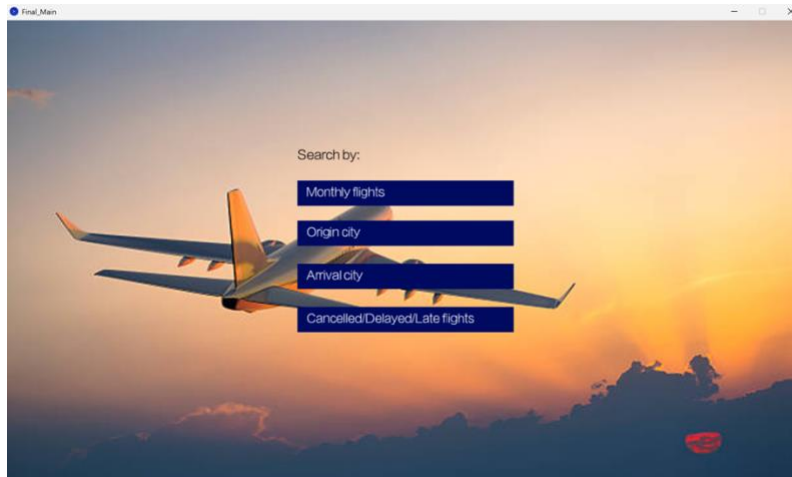
4. Flights by Cancelled/Delayed/Late Flight:

- When user selected cancelled flight Button on Main Screen, a bar chart will be shown
 - Bar Chart illustrates the Number of Cancelled/Delayed/Late flights
 - When a bar is clicked, corresponding flights Info will be displayed inside the container
 - Flights are sorted by Date in default
 - Scrolling function is implemented
-

User Interface & Interaction

Home Screen:

- Users interact with clickable buttons that brings user to different screens

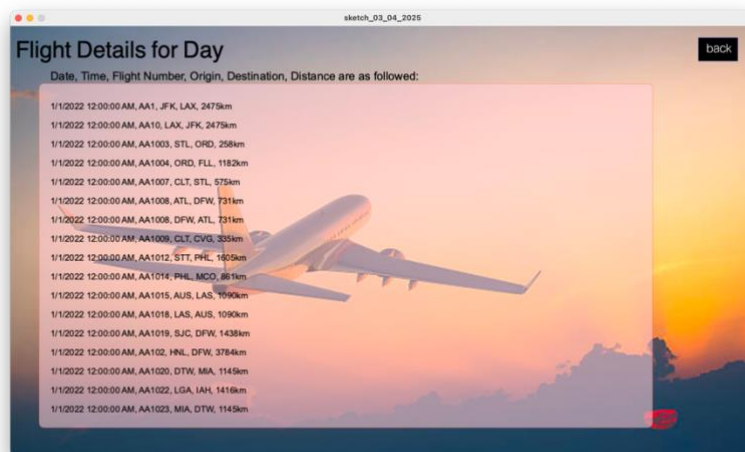


Monthly Flights Screen:

- Bar Chart is displayed when “Monthly Flights” is pressed showing the number of flights on different day
- Bar will change to yellow when clicked

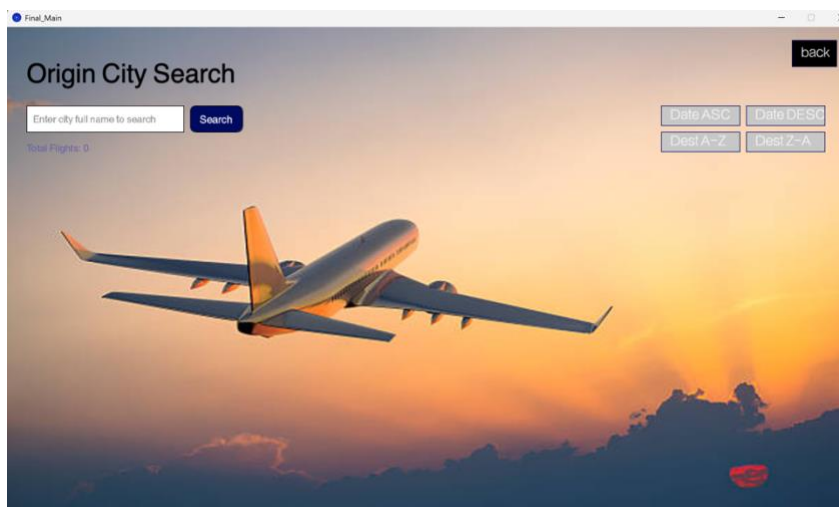


- When specific bar is clicked, show flights info of that day with scrolling implemented



Origin City Screen:

- When Origin City is pressed, buttons and search box will be displayed



city-based

back

Origin City Search

New york

Search

Total Flights: 25346

Date ASC

Date DESC

Dest A~Z

Dest Z~A

AA1	on time	1/31/2022
New York, NY	2475 km	Los Angeles, CA
07:38		10:38
AA1022	on time	1/31/2022
New York, NY	1416 km	Houston, TX
19:12		21:56
AA1031	on time	1/31/2022
New York, NY	544 km	Charlotte, NC
21:31		23:13
AA1032	on time	1/31/2022
New York, NY	1089 km	Miami, FL
10:02		12:58
AA1056	on time	1/31/2022
New York, NY	1389 km	Dallas/Fort Worth, TX
14:50		17:17

Date descending order

back

Origin City Search

New york

Search

Total Flights: 25346

Date ASC

Date DESC

Dest A~Z

Dest Z~A

B6139	on time	1/31/2022
New York, NY	1576 km	Aguadilla, PR
13:33		18:30
B6839	on time	1/31/2022
New York, NY	1576 km	Aguadilla, PR
00:08		04:47
B6139	cancelled	1/30/2022
New York, NY	1576 km	Aguadilla, PR
Cancelled		Cancelled
B6839	on time	1/30/2022
New York, NY	1576 km	Aguadilla, PR
03:29		08:30
B6839	cancelled	1/29/2022
New York, NY	1576 km	Aguadilla, PR
Cancelled		Cancelled

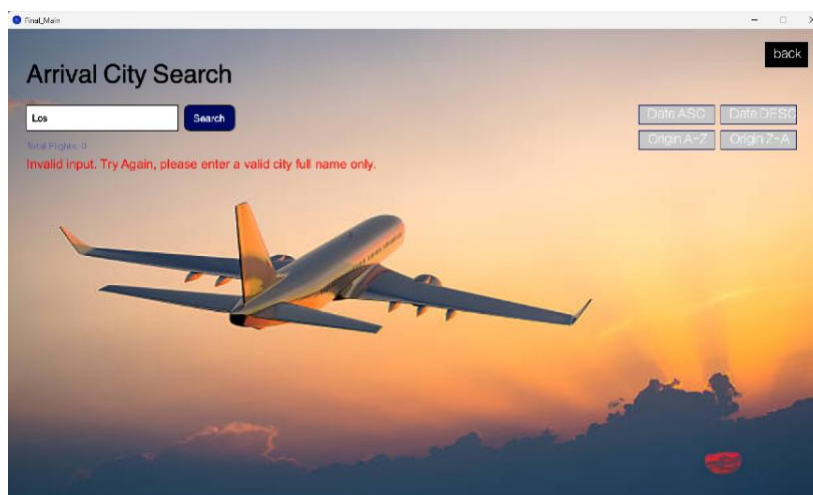
Destination char order

Arrival City Screen :

- Cancelled or Delayed flights are displayed with different colours

Arrival City Search					
AA1307	cancelled	1/1/2022	Chicago, IL	733 km	New York, NY
AA1357	on time	1/1/2022	Miami, FL	1089 km	New York, NY
AA1378	on time	1/1/2022	Chicago, IL	740 km	New York, NY
AA1388	diverted	1/1/2022	Phoenix, AZ	2153 km	New York, NY
AA1405	on time	1/1/2022	Austin, TX	1521 km	New York, NY
AA1414	cancelled	1/1/2022	Miami, FL	1096 km	New York, NY

- Error will be shown when input is invalid

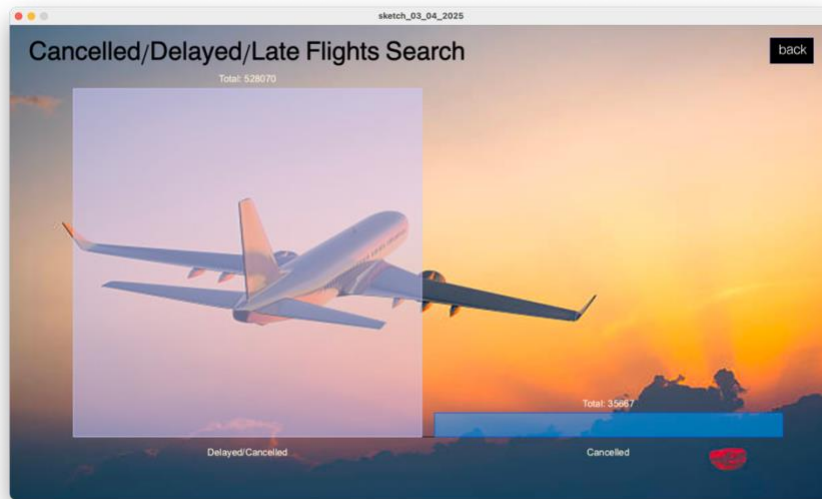


- Original char order (if arrival)

Arrival City Search					
B6538	on time	1/1/2022	Aguadilla, PR	1576 km	New York, NY
B6838	on time	1/1/2022	Aguadilla, PR	1576 km	New York, NY
B6538	on time	1/2/2022	Aguadilla, PR	1576 km	New York, NY
B6838	on time	1/2/2022	Aguadilla, PR	1576 km	New York, NY
B6538	cancelled	1/3/2022	Aguadilla, PR	1576 km	New York, NY

Cancelled / Delayed / Late Flights Screen:

- When the cancelled/delayed/late button is pressed, show bar chart for Delayed and Cancelled flights



- When a bar is clicked, details of it will be displayed with scrolling implemented

The screenshot shows a web application interface titled "Cancelled/ Delayed Flights Information". At the top right is a "back" button. Below the title, it says "Date, Time, Flight Number, Origin, Destination, Real-Time dep/arr time and Distance are as follows:". The main area contains a list of flight details, each preceded by "Delay/Diverted:". The list includes flight numbers, origins, destinations, departure times, arrival times, delays, and distances.

















Date, Time, Flight Number, Origin, Destination, Real-Time dep/arr time and Distance
Delay/Diverted: 1/1/2022 12:00:00 AM, AA1043 CLT to CLE, Departed at: 2058 (Delay for: 9 mins), Arrived at: 2221 (Delay for: -11 mins), Distance: 430km
Delay/Diverted: 1/1/2022 12:00:00 AM, AA1045 MIA to ATL, Departed at: 1929 (Delay for: 26 mins), Arrived at: 2112 (Delay for: 10 mins), Distance: 594km
Delay/Diverted: 1/1/2022 12:00:00 AM, AA1046 BOS to AUS, Departed at: 1319 (Delay for: 19 mins), Arrived at: 1727 (Delay for: 69 mins), Distance: 1699km
Delay/Diverted: 1/1/2022 12:00:00 AM, AA1048 DFW to PNS, Departed at: 1449 (Delay for: 14 mins), Arrived at: 1626 (Delay for: 9 mins), Distance: 604km
Delay/Diverted: 1/1/2022 12:00:00 AM, AA1049 ATL to MIA, Departed at: 914 (Delay for: -5 mins), Arrived at: 1108 (Delay for: -12 mins), Distance: 594km
Delay/Diverted: 1/1/2022 12:00:00 AM, AA1050 MIA to IAH, Departed at: 2204 (Delay for: -6 mins), Arrived at: 2339 (Delay for: 2335 mins), Distance: 964km
Delay/Diverted: 1/1/2022 12:00:00 AM, AA1051 ATL to DFW, Departed at: 1915 (Delay for: -6 mins), Arrived at: 2110 (Delay for: 51 mins), Distance: 731km
Delay/Diverted: 1/1/2022 12:00:00 AM, AA1051 DFW to ATL, Departed at: 1508 (Delay for: -9 mins), Arrived at: 1821 (Delay for: -1 mins), Distance: 731km
Delay/Diverted: 1/1/2022 12:00:00 AM, AA1054 MIA to BOS, Departed at: 2104 (Delay for: 4 mins), Arrived at: 9 (Delay for: -2 mins), Distance: 1258km
Delay/Diverted: 1/1/2022 12:00:00 AM, AA1055 SAN to DFW, Departed at: 653 (Delay for: -47 mins), Arrived at: 1134 (Delay for: -70 mins), Distance: 1171km
Delay/Diverted: 1/1/2022 12:00:00 AM, AA1057 SNA to DFW, Departed at: 1232 (Delay for: 3 mins), Arrived at: 1716 (Delay for: -9 mins), Distance: 1205km
Delay/Diverted: 1/1/2022 12:00:00 AM, AA1060 AUS to DFW, Departed at: 1900 (Delay for: 54 mins), Arrived at: 2016 (Delay for: 16 mins), Distance: 190km
Delay/Diverted: 1/1/2022 12:00:00 AM, AA1060 DFW to AUS, Departed at: 1651 (Delay for: 3 mins), Arrived at: 1818 (Delay for: 62 mins), Distance: 190km
Delay/Diverted: 1/1/2022 12:00:00 AM, AA1061 JAX to DFW, Departed at: 933 (Delay for: 8 mins), Arrived at: 1118 (Delay for: -4 mins), Distance: 918km
Delay/Diverted: 1/1/2022 12:00:00 AM, AA1064 DFW to AUS, Departed at: 1426 (Delay for: -1 mins), Arrived at: 1525 (Delay for: -7 mins), Distance: 190km
Delay/Diverted: 1/1/2022 12:00:00 AM, AA1065 AUS to DFW, Departed at: 1242 (Delay for: 1 mins), Arrived at: 1338 (Delay for: -13 mins), Distance: 190km
Delay/Diverted: 1/1/2022 12:00:00 AM, AA1065 DFW to AUS, Departed at: 1037 (Delay for: -3 mins), Arrived at: 1144 (Delay for: -7 mins), Distance: 190km















Week	Tasks	What we have done	Individual Work
8	Demonstrate reading of data from file and give outline of main program, including major classes, sketch of screens.	Meetup: <ul style="list-style-type: none"> - Discussed about what features we will include in our project. - Set up group chat - Practised GitHub with alien game - Set up GitHub Repository - Split Tasks 	Yu Xue Chen: <ul style="list-style-type: none"> - Main file and initial code to print(console) Ho Hon Ma: <ul style="list-style-type: none"> - Code to read CSV - DataPoint class created - Print flights Info(text) Saanvi Boggaram: <ul style="list-style-type: none"> - Planning of the Screen Yan Wa Lee: <ul style="list-style-type: none"> - Planning of the Screen Yao Han: <ul style="list-style-type: none"> - Display new screen with two widgets - Merging DataPoint class with screen
9	Graph and textual output of data	Meetup: <ul style="list-style-type: none"> - Plan and Design - Split tasks in details 	Yu Xue Chen: <ul style="list-style-type: none"> - Merging previous weeks' code - Starting Origin&Arrival Seraching Ho Hon Ma: <ul style="list-style-type: none"> - Bar chart visualization for sorted flights info - Display specific flights info on screen Saanvi Boggaram: <ul style="list-style-type: none"> - Bar chart for monthly flights. Yan Wa Lee: <ul style="list-style-type: none"> - Main Screen: Widget, Screen class, mouseWheel and mousePressed method Yao Han: <ul style="list-style-type: none"> - 2 new Date Sorting Buttons



















			<ul style="list-style-type: none"> - Starting Ascending/Descending buttons
10	Apply user queries to data set and present results on screen	<p>Online Meeting:</p> <ul style="list-style-type: none"> - Split tasks - Discussed issues raised - Merged code from previous weeks 	<p>Yu Xue Chen:</p> <ul style="list-style-type: none"> - Finishing origin and arrival screen UI - Printing filtered flight on the screen in lines. <p>Ho Hon Ma:</p> <ul style="list-style-type: none"> - Merging display info and bar chart to the other classes(widget, screen, main, etc) <p>Saanvi Boggaram:</p> <ul style="list-style-type: none"> - Merging the bar chart with Monthly date range with other classes - <p>Yan Wa Lee:</p> <ul style="list-style-type: none"> - Debugging after merging and improving visuals (alignments, text colour) <p>Yao Han:</p> <ul style="list-style-type: none"> - Finishing 2 new buttons for sorting by Ascending/Descending alphabetic order
11	Select different options and change screens	<ul style="list-style-type: none"> - Merged all separated components together - Aesthetic Design and Decisions(colours, shapes) 	<p>Yu Xue Chen:</p> <ul style="list-style-type: none"> - Display flights info in ticket format <p>Ho Hon Ma:</p> <ul style="list-style-type: none"> - Merging and Polishing all the code - Optimising all code especially readData and FilterFlights - Helping my teammates to debug

			<ul style="list-style-type: none"> - Improving the user interface design of the program. - Add comments for all code <p>Yao Han:</p> <ul style="list-style-type: none"> - Polishing and Finishing the 4 sorting buttons <p>Yan Wa Lee:</p> <ul style="list-style-type: none"> - Adding background image - Improving visuals (stroke, text and widget positions) <p>Saanvi Boggaram:</p> <ul style="list-style-type: none"> - Help merging the bar chart with all the codes - Polishing the codes.
12	Demonstration	Group Demonstration	Group Demonstration

















Git History















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 boggaras pushed 1 commit to <code>main</code> • e66bc6a...26b33d9 • 28 days ago	
Update README.md	...
 yan-wa-lee pushed 1 commit to <code>main</code> • 26b33d9...0ca9e62 • 28 days ago	
Update README.md	...
 ykC33 pushed 1 commit to <code>main</code> • 0ca9e62...b1c4d66 • 28 days ago	
Update README.md	...
 LOVECAO1011 pushed 1 commit to <code>main</code> • b1c4d66...7ad65c4 • 28 days ago	
Create alienHunterGame	...
 mhh1002 pushed 1 commit to <code>main</code> • 7ad65c4...11a0ae4 • 28 days ago	
Create main	...
 ykC33 pushed 1 commit to <code>main</code> • 11a0ae4...f278536 • 28 days ago	
Delete alienHunterGame	...
 mhh1002 pushed 1 commit to <code>main</code> • f278536...0909bfc • 28 days ago	
Update main	...
 ykC33 pushed 1 commit to <code>main</code> • 0909bfc...d1b2f1f • 27 days ago	
Create Button	...
 ykC33 pushed 1 commit to <code>Button</code> • 0909bfc...906097e • 27 days ago	
Create Button	...
 ykC33 pushed 1 commit to <code>main</code> • d1b2f1f...dc3875e • 27 days ago	
Create Screen	...
 ykC33 pushed 1 commit to <code>main</code> • dc3875e...f0c5fdf • 27 days ago	
Update main	...
 ykC33 pushed 1 commit to <code>main</code> • f0c5fdf...c4e0bdc • 27 days ago	
this is the font file	...
 ykC33 pushed 1 commit to <code>main</code> • c4e0bdc...7d0e47a • 27 days ago	
Update main	...
 ykC33 pushed 1 commit to <code>main</code> • 7d0e47a...05bd859 • 27 days ago	
Update Button	...
 yan-wa-lee pushed 1 commit to <code>main</code> • 05bd859...e1c421d • 27 days ago	

















Update README.md	...
 mhh1002 pushed 1 commit to <code>main</code> • e1c421d...625a0f7 • 27 days ago	
Create class flight	...
 LOVECAOI011 pushed 1 commit to <code>main</code> • 625a0f7...97c3ca5 • 27 days ago	
Delete class flight	...
 LOVECAOI011 pushed 1 commit to <code>main</code> • 97c3ca5...f52dc25 • 27 days ago	
Create DataPoint	...
 boggaras pushed 1 commit to <code>main</code> • f52dc25...311326f • 27 days ago	
Create class Flight (data	...
 LOVECAOI011 pushed 1 commit to <code>main</code> • 311326f...66b2834 • 27 days ago	
Update DataPoint	...
 boggaras pushed 1 commit to <code>main</code> • 66b2834...0a505b1 • 27 days ago	
Update class Flight (data	...
 LOVECAOI011 pushed 1 commit to <code>main</code> • 0a505b1...665d2a5 • 27 days ago	
Update main	...
 boggaras pushed 1 commit to <code>main</code> • 665d2a5...39697c4 • 27 days ago	
Update class Flight (data	...
 LOVECAOI011 pushed 1 commit to <code>main</code> • 39697c4...7f87011 • 27 days ago	
Update DataPoint	...
 ykc33 pushed 1 commit to <code>main</code> • 7f87011...2ed7ae2 • 27 days ago	
Update main	...
 ykc33 pushed 1 commit to <code>main</code> • 2ed7ae2...6354bbc • 27 days ago	
Update datapoint+void readData	...
 LOVECAOI011 pushed 1 commit to <code>main</code> • 6354bbc...375dbc9 • 27 days ago	
Rename class Flight (data to void readData	...
 LOVECAOI011 pushed 1 commit to <code>main</code> • 375dbc9...768a93e • 27 days ago	
void readData to void readData +class dataPoint	...
 LOVECAOI011 pushed 1 commit to <code>main</code> • 768a93e...d4506ef • 27 days ago	















1	...
 LOVECAOI011 pushed 1 commit to <code>main</code> • d4506ef...2d2e01a • 27 days ago	
readData	...
 LOVECAOI011 pushed 1 commit to <code>main</code> • 2d2e01a...45946b7 • 27 days ago	
Create loop	...
 dbarri06 pushed 1 commit to <code>main</code> • 45946b7...44dc4d5 • 27 days ago	
Update void readData	...
 LOVECAOI011 pushed 1 commit to <code>main</code> • 44dc4d5...e51d179 • 27 days ago	
Create planningOfScreens	...
 yan-wa-lee pushed 1 commit to <code>main</code> • e51d179...6d863ab • 27 days ago	
Create WorkingCode - main	...
 mhh1002 pushed 1 commit to <code>main</code> • 6d863ab...3b23041 • 27 days ago	
Create DataPoint Class	...
 mhh1002 pushed 1 commit to <code>main</code> • 3b23041...b748084 • 27 days ago	
Compiled all working code from WK1	...
 ykc33 pushed 1 commit to <code>wk-1</code> • b748084...a83fcd • 21 days ago	
Create Demo of Wk-8	...
 mhh1002 pushed 1 commit to <code>wk-1</code> • a83fcd...4cf9e5e • 21 days ago	
Add files via upload	...
 boggaras pushed 1 commit to <code>main</code> • ef66017...210df57 • 21 days ago	
Add files via upload	...
 boggaras pushed 1 commit to <code>main</code> • 210df57...874b8d8 • 21 days ago	
Update bar_chart_2.pde	...
 boggaras pushed 1 commit to <code>main</code> • 874b8d8...47f0512 • 21 days ago	
Create 6	...
 LOVECAOI011 pushed 1 commit to <code>main</code> • 47f0512...47b282d • 21 days ago	
rename +replenishment code for delayedBarChart	...
 LOVECAOI011 pushed 1 commit to <code>main</code> • 47b282d...8204e87 • 21 days ago	
Create Show details when bar clicked	...
 mhh1002 pushed 1 commit to <code>wk-2</code> • ef66017...49b15a9 • 20 days ago	
Create DataPoint Wk-2	...
 mhh1002 pushed 1 commit to <code>wk-2</code> • 49b15a9...7f83c7e • 20 days ago	
Create Display all flight info for that day for each click on the bar	...
 dbarri06 pushed 1 commit to <code>wk-2</code> • 958ef23...35ff822 • 20 days ago	
Rename Button to Widget	...
 ykc33 pushed 1 commit to <code>wk-2</code> • 35ff822...6524f57 • 20 days ago	

















Update main by Yu Xue Chen	...
 ykC33 pushed 1 commit to WK-2 • 6524f57...fcc5b7a • 20 days ago	
Update DataPoint	...
 ykC33 pushed 1 commit to WK-2 • fcc5b7a...bd1e865 • 20 days ago	
Create Filter Flight	...
 ykC33 pushed 1 commit to WK-2 • bd1e865...23f3758 • 20 days ago	
Delete DataPoint Wk-2	...
 ykC33 pushed 1 commit to WK-2 • 23f3758...19124b4 • 20 days ago	
Create mainScreen	...
 yan-wa-lee pushed 1 commit to WK-2 • 19124b4...fac3719 • 20 days ago	
Update mainScreen	...
 yan-wa-lee pushed 1 commit to WK-2 • fac3719...0de50a9 • 20 days ago	
mainScreenTextFiles	...
 yan-wa-lee pushed 1 commit to WK-2 • 0de50a9...ab52615 • 20 days ago	
Update Display all flight info for that day for each click on the bar	...
 dbarni06 pushed 1 commit to WK-2 • ab52615...bae992d • 20 days ago	
Update mainScreen	...
 yan-wa-lee pushed 1 commit to WK-2 • bae992d...efffbad • 20 days ago	
Create barchart + flight display	...
 boggaras pushed 1 commit to WK-2 • efffbad...0c06835 • 20 days ago	
Update mainScreen	...
 yan-wa-lee pushed 1 commit to WK-2 • 0c06835...d867188 • 20 days ago	
Update mainScreen	...
 yan-wa-lee pushed 1 commit to WK-2 • d867188...c053009 • 15 days ago	















Update task6	...
 LOVECAO1011 pushed 1 commit to main • 8204e87...a39f696 • 15 days ago	
Update main for show details	...
 mhh1002 pushed 1 commit to WK-3 • c053009...c99019e • 13 days ago	
Rename Show details when bar clicked to Draw bar chart for canc and d...	...
 mhh1002 pushed 1 commit to WK-3 • c99019e...5df2c18 • 13 days ago	
Update Widget	...
 mhh1002 pushed 1 commit to WK-3 • 9df2c18...34085d5 • 13 days ago	
Create loadFlightData(String fileName)	...
 mhh1002 pushed 1 commit to WK-3 • 34085d5...c09a4db • 13 days ago	
Update DataPoint	...
 ykC33 pushed 1 commit to WK-3 • c09a4db...b7adffle • 13 days ago	
Merging screen and filter of flights	...
 ykC33 pushed 1 commit to WK-3 • b7adffle...ceb25a2 • 13 days ago	
scroll function	...
 ykC33 pushed 1 commit to WK-3 • ceb25a2...b410ebb • 13 days ago	
Update main	...
 yan-wa-lee pushed 1 commit to WK-3 • b410ebb...9c5b42f • 13 days ago	
Create updated DataPoint class	...
 mhh1002 pushed 1 commit to WK-3 • 9c5b42f...7890b8d • 13 days ago	
Update Draw bar chart for canc and delay	...
 mhh1002 pushed 1 commit to WK-3 • 7890b8d...90eaad6 • 13 days ago	
Update updated DataPoint class	...
 mhh1002 pushed 1 commit to WK-3 • 90eaad6...8c3329b • 13 days ago	
Update Draw bar chart for canc and delay	...
 mhh1002 pushed 1 commit to WK-3 • 8c3329b...a67684e • 13 days ago	
Create NewScreen	...
 LOVECAO1011 pushed 1 commit to WK-3 • a67684e...07c74f2 • 13 days ago	
Update main	...
 yan-wa-lee pushed 1 commit to WK-3 • 07c74f2...a6063a3 • 13 days ago	
Update Screen	...
 yan-wa-lee pushed 1 commit to WK-3 • a6063a3...b44ad26 • 13 days ago	































Update barchart + flight display updated	...
 boggaras pushed 1 commit to wk-3 • b44ad26...06ca6da • 13 days ago	
Update main	...
 yan-wa-lee pushed 1 commit to wk-3 • 06ca6da...95140c1 • 13 days ago	
Update main	...
 yan-wa-lee pushed 1 commit to wk-3 • 95140c1...4560d56 • 13 days ago	
All working code	...
 mhh1002 pushed 1 commit to wk-4 • 4560d56...03a139b • 12 days ago	
Create Upload Asc.Dsc	...
 LOVECAO1011 pushed 1 commit to wk-4 • 03a139b...30add45 • 12 days ago	
Upload Asc.Dsc+A-Z-Z-A order	...
 LOVECAO1011 pushed 1 commit to wk-4 • 30add45...5a44d41 • 12 days ago	
marked	...
 LOVECAO1011 pushed 1 commit to wk-4 • 5a44d41...e99dfc2 • 7 days ago	
This is WK 4 Project tidied	...
 ykC33 pushed 1 commit to main • a39f696...776912d • 7 days ago	
Add files via upload	...
 ykC33 pushed 1 commit to main • 776912d...158c0f1 • 7 days ago	
add date order and A-Z order	...
 LOVECAO1011 pushed 1 commit to wk-4 • e99dfc2...66dfa11 • 7 days ago	
All working codre	...
 LOVECAO1011 pushed 1 commit to wk-4 • 66dfa11...b2dea0 • 7 days ago	
All working code	...
 LOVECAO1011 pushed 1 commit to wk-4 • b2dea0...13a20d3 • 7 days ago	
All working code	...
 LOVECAO1011 pushed 1 commit to wk-4 • 13a20d3...c8bde6b • 7 days ago	
Merge branch 'main' of https://github.com/mhh1002/ProgProj-G-2	...
 ykC33 pushed 2 commits to main • 158c0f1...e7666f8 • 7 days ago	

Update 3/4	...
 LOVECAO1011 pushed 1 commit to wk-4 • c8bde6b...a1a5bbb • 6 days ago	
Update Week4. Main.pde	...
 LOVECAO1011 pushed 1 commit to wk-4 • a1a5bbb...63a7e0a • 6 days ago	
merged code 3/4	...
 ykC33 pushed 1 commit to main • e7666f8...ba51401 • 6 days ago	
Create main updated merged with barchart	...
 boggaras pushed 1 commit to wk-4 • 63a7e0a...520a140 • 6 days ago	
Create monthly flights barchart	...
 boggaras pushed 1 commit to wk-4 • 520a140...17e2a7e • 6 days ago	
Create screen updated and merged code for monthly barchart	...
 boggaras pushed 1 commit to wk-4 • 17e2a7e...1cb114a • 6 days ago	
Update main updated merged with barchart	...
 boggaras pushed 1 commit to wk-4 • 1cb114a...103d4d1 • 6 days ago	
Update Widget Class	...
 yan-wa-lee pushed 1 commit to main • ba51401...053aa6f • 6 days ago	
Update Screen	...
 yan-wa-lee pushed 1 commit to main • 053aa6f...736a676 • 6 days ago	
Update main	...
 yan-wa-lee pushed 1 commit to main • 736a676...4ae011b • 6 days ago	
BackgroundImage	...
 yan-wa-lee pushed 1 commit to main • 4ae011b...7faeb8f • 6 days ago	
Update main	...
 yan-wa-lee pushed 1 commit to main • 7faeb8f...4e7b19c • 6 days ago	
Update main updated merged with barchart	...
 boggaras pushed 1 commit to wk-4 • 103d4d1...1d11600 • 6 days ago	
Update mouse_Method.pde	...
 boggaras pushed 1 commit to wk-4 • 1d11600...96b90cc • 6 days ago	
Update main	...
 yan-wa-lee pushed 1 commit to main • 4e7b19c...1424ba4 • 6 days ago	
Update main	...
 yan-wa-lee pushed 1 commit to main • 1424ba4...69de67b • 6 days ago	

week 5 latest main for monthly barchart	...
 bogaras pushed 1 commit to Monthly-flight-barchart • 69de67b...cb113da • 6 days ago	
week 5 monthly flights	...
 bogaras pushed 1 commit to Monthly-flight-barchart • cb113da...d279f44 • 6 days ago	
Create week 5 mouse method	...
 bogaras pushed 1 commit to Monthly-flight-barchart • d279f44...e14bde9 • 6 days ago	
Create week 5 screen for monthly flight barchart	...
 bogaras pushed 1 commit to Monthly-flight-barchart • e14bde9...7e86286 • 6 days ago	
Delete CancelledBarChart	...
 bogaras pushed 1 commit to Monthly-flight-barchart • 7e86286...e6771e0 • 6 days ago	
Delete AlNile-40.vlw	...
 bogaras pushed 1 commit to Monthly-flight-barchart • e6771e0...3b7cbe6 • 6 days ago	
Delete FZLTXHB--B51-0-20.vlw	...
 bogaras pushed 1 commit to Monthly-flight-barchart • 3b7cbe6...fdd679e • 6 days ago	
Delete FilterFlight	...
 bogaras pushed 1 commit to Monthly-flight-barchart • fdd679e...038da3f • 6 days ago	
Delete FlightClass	...
 bogaras pushed 1 commit to Monthly-flight-barchart • 038da3f...35803c7 • 6 days ago	
Delete MouseMethod	...
 bogaras pushed 1 commit to Monthly-flight-barchart • 35803c7...8905e1a • 6 days ago	
Delete Screen	...
 bogaras pushed 1 commit to Monthly-flight-barchart • 8905e1a...2be3b19 • 6 days ago	
Delete Widget Class	...
 bogaras pushed 1 commit to Monthly-flight-barchart • 2be3b19...9fd15a6 • 6 days ago	
Delete main	...
 bogaras pushed 1 commit to Monthly-flight-barchart • 9fd15a6...ed47c0b • 6 days ago	
Delete panelcon.png	...
 bogaras pushed 1 commit to Monthly-flight-barchart • ed47c0b...b3086b0 • 6 days ago	

Delete planephoto1.jpg	...
 bogaras pushed 1 commit to Monthly-flight-barchart • b3086b0...d103366 • 6 days ago	
Delete planningOfScreens	...
 bogaras pushed 1 commit to Monthly-flight-barchart • d103366...0885145 • 6 days ago	
Delete README.md	...
 bogaras pushed 1 commit to Monthly-flight-barchart • 0885145...a0dc65a • 6 days ago	
Create week 5 cancelled bar chart	...
 bogaras pushed 1 commit to Monthly-flight-barchart • a0dc65a...164ffe6 • 6 days ago	
Create week 5 filter flight	...
 bogaras pushed 1 commit to Monthly-flight-barchart • 164ffe6...4f2369f • 6 days ago	
Create week 5 flight class	...
 bogaras pushed 1 commit to Monthly-flight-barchart • 4f2369f...61caeae • 6 days ago	
Create week 5 widget class	...
 bogaras pushed 1 commit to Monthly-flight-barchart • 61caeae...965065e • 6 days ago	
Create fixed Version of displayFlights when bars clicked	...
 mhh1002 pushed 1 commit to Monthly-flight-barchart • 965065e...386620b • 6 days ago	
Create Fixed Version for draw bar chart for date range	...
 mhh1002 pushed 1 commit to Monthly-flight-barchart • 386620b...5c12b44 • 6 days ago	
Create Fixed Version for Main	...
 mhh1002 pushed 1 commit to Monthly-flight-barchart • 5c12b44...36d0aa • 6 days ago	
Create fixed version for Mouse	...
 mhh1002 pushed 1 commit to Monthly-flight-barchart • 36d0aa...4782344 • 6 days ago	
Update week 5 screen for monthly flight barchart	...
 yan-wa-lee pushed 1 commit to Monthly-flight-barchart • 4782344...6c9cd24 • 6 days ago	
Update Fixed Version for Main	...
 yan-wa-lee pushed 1 commit to Monthly-flight-barchart • 6c9cd24...3869a57 • 6 days ago	
Update Fixed Version for Main	...
 yan-wa-lee pushed 1 commit to Monthly-flight-barchart • 3869a57...4d7817e • 6 days ago	
Update week 5 widget class	...
 yan-wa-lee pushed 1 commit to Monthly-flight-barchart • 4d7817e...2f5affc • 6 days ago	
Finalised Version of ProgProj-Gp2	...
 mhh1002 pushed 1 commit to updated-branch • 047b3dd...9611208 • 23 hours ago	

Data Files required	...
 mhh1002 pushed 1 commit to updated-branch • 9611208...ce44bfb • 23 hours ago	
Data Files Required	...
 mhh1002 pushed 1 commit to updated-branch • ce44bfb...2e1e454 • 23 hours ago	
Update README.md	...
 mhh1002 pushed 1 commit to updated-branch • 2e1e454...cfb554c • 23 hours ago	
Update and rename sketch_03_04_2025.pde to Main.pde	...
 mhh1002 pushed 1 commit to updated-branch • cfb554c...cfc01ca • 21 hours ago	
Update Cancelled_BarChart_Method.pde	...
 mhh1002 pushed 1 commit to updated-branch • cfc01ca...d8d7bfa • 21 hours ago	
Update Main.pde	...
 mhh1002 pushed 1 commit to updated-branch • d8d7bfa...705a466 • 20 hours ago	
Update Cancelled_BarChart_Method.pde	...
 mhh1002 pushed 1 commit to updated-branch • 705a466...6a6692d • 20 hours ago	
Update Date_Range_BarChart_Method.pde	...
 mhh1002 pushed 1 commit to updated-branch • 6a6692d...d0e435e • 19 hours ago	
Update Date_Range_Flight_Data_Method.pde	...
 mhh1002 pushed 1 commit to updated-branch • d0e435e...a6970cd • 19 hours ago	
Update Filter_Flights_Method.pde	...
 mhh1002 pushed 1 commit to updated-branch • a6970cd...8c69f92 • 19 hours ago	
Update Flight.pde	...
 mhh1002 pushed 1 commit to updated-branch • 8c69f92...52057f2 • 19 hours ago	
Update Flight.pde	...
 mhh1002 pushed 1 commit to updated-branch • 52057f2...3cefa5d • 19 hours ago	
Update Mouse_Method.pde	...
 mhh1002 pushed 1 commit to updated-branch • 3cefa5d...e94d99e • 19 hours ago	
Update Screen.pde	...
 mhh1002 pushed 1 commit to updated-branch • e94d99e...1aaa722 • 19 hours ago	

Commits on Apr 10, 2025	
Add comments to Screen.pde	Verified 16d8115  
 mhh1002 authored now	
Add comments to Widget.pde	Verified 8e61ead  
 mhh1002 authored 1 minute ago	
Update Screen.pde	Verified 982b3a1  
 mhh1002 authored 1 minute ago	
Add comments to Mouse_Method.pde	Verified 4e774b9  
 mhh1002 authored 1 minute ago	
Add comments to Flight.pde	Verified 4cdd3b5  
 mhh1002 authored 2 minutes ago	
Add comments to Filter_Flights_Method.pde	Verified a25bb3f  
 mhh1002 authored 2 minutes ago	
Add comments to Date_Range_Flight_Data_Method.pde	Verified 4d73969  
 mhh1002 authored 2 minutes ago	
Add comments to Date_Range_BarChart_Method.pde	Verified 964ba8f  
 mhh1002 authored 3 minutes ago	
Add comment to Cancelled_BarChart_Method.pde	Verified 52f6a13  
 mhh1002 authored 3 minutes ago	
Add comments to Main.pde	Verified 1c58c1a  
 mhh1002 authored 3 minutes ago	