

Sprint Review meeting document for Sprint 1 Group 6

Group members: Aaron Linnell, Brian Belt, Nhien Nguyen, Mohammed Alwahaibi

-Zenhub board

The Zenhub board displays the following status columns:

- Sprint Backlog**: 2 Issues - 0 Points
- In Progress**: 3 Issues - 0 Points
- Review/QA**: 0 Issues - 0 Points
- Done**: 1 Issue - 0 Points
- Closed**: 3+ Issues

Issues listed in the board:

- GbrSchedulero #2 Draft Database Schema
- GbrSchedulero #8 Test data access from database
- GbrSchedulero #3 Draft Client UML Diagram
- GbrSchedulero #7 Add potential test cases to project documentation
- GbrSchedulero #9 Create accessor class for database
- GbrSchedulero #5 Draft UI / UX design documentation
- GbrSchedulero Dev core test
- GbrSchedulero UI ux
- GbrSchedulero connection se

Review/QA description: Issues open to the team for review and testing. Code complete, pending feedback.

-GitHub issues

<input type="checkbox"/>	unit testing	#12 opened 3 minutes ago by zxzvipman	New Issues	
<input type="checkbox"/>	Create accessor class for database	#9 opened 6 days ago by BrianABelt	In Progress	
<input type="checkbox"/>	Test data access from database	#8 opened 6 days ago by BrianABelt	Sprint Backlog	
<input type="checkbox"/>	Add potential test cases to project documentation	#7 opened 15 days ago by fisherdog1	In Progress	
<input type="checkbox"/>	Design interfaces for trivially required classes	#6 opened 15 days ago by fisherdog1	New Issues	
<input type="checkbox"/>	Draft UI / UX design documentation	#5 opened 15 days ago by fisherdog1	Done	
<input type="checkbox"/>	Test Data Generators	#4 opened 15 days ago by fisherdog1	New Issues	
<input type="checkbox"/>	Draft Client UML Diagram	#3 opened 15 days ago by fisherdog1	In Progress	
<input type="checkbox"/>	Draft Database Schema	#2 opened 15 days ago by fisherdog1	Sprint Backlog	

-UI

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Flight Number	Employee ID	Date	Total time	Departure	Destination	Status



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Email Address

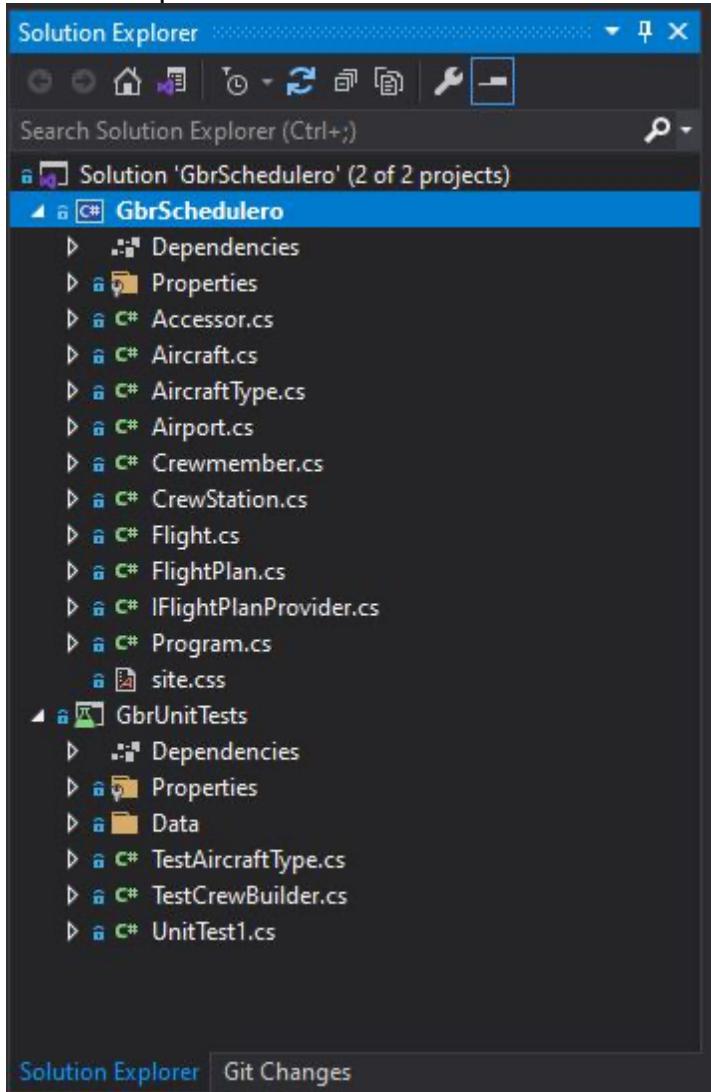
Password

SIGN UP

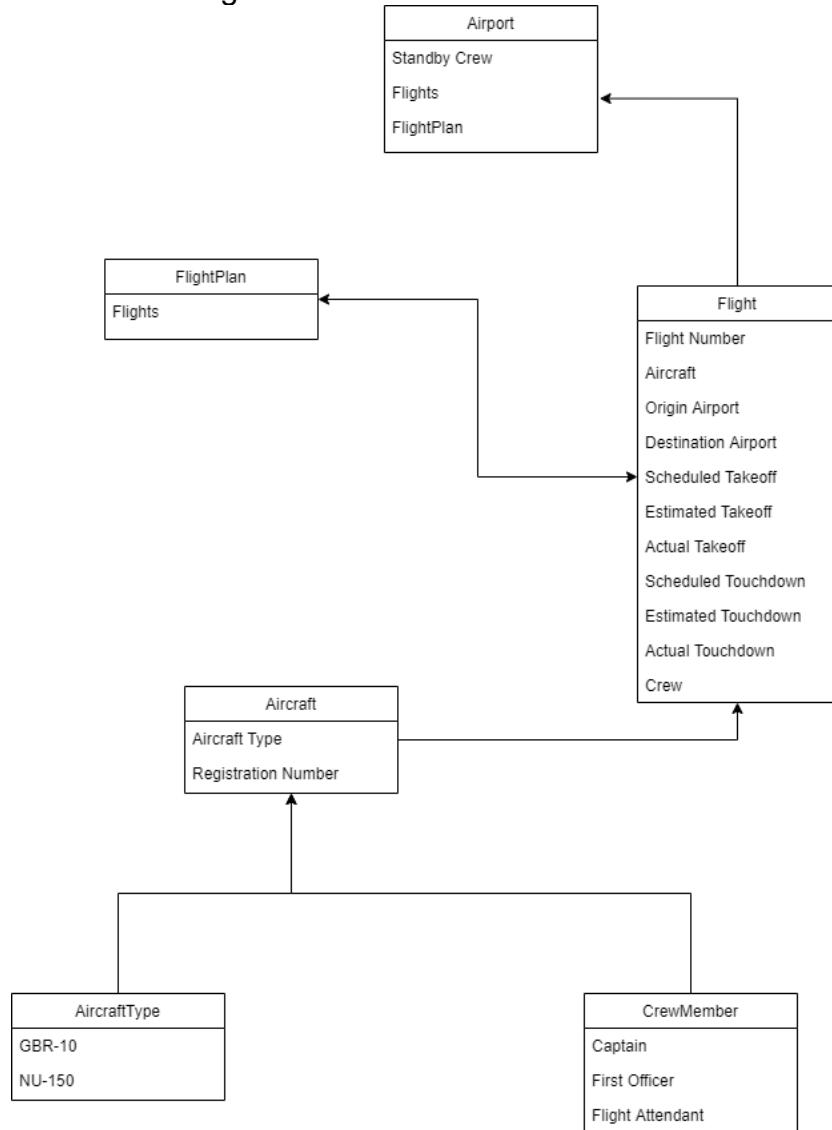
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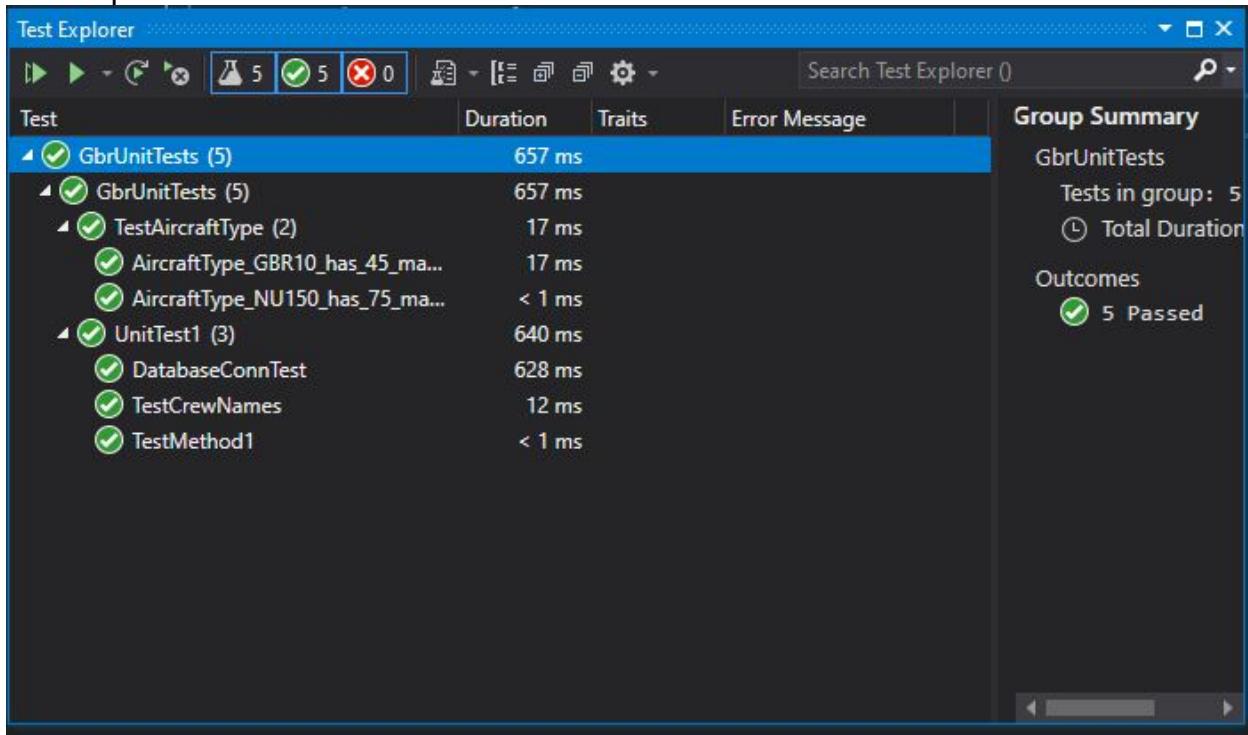
solution explorer



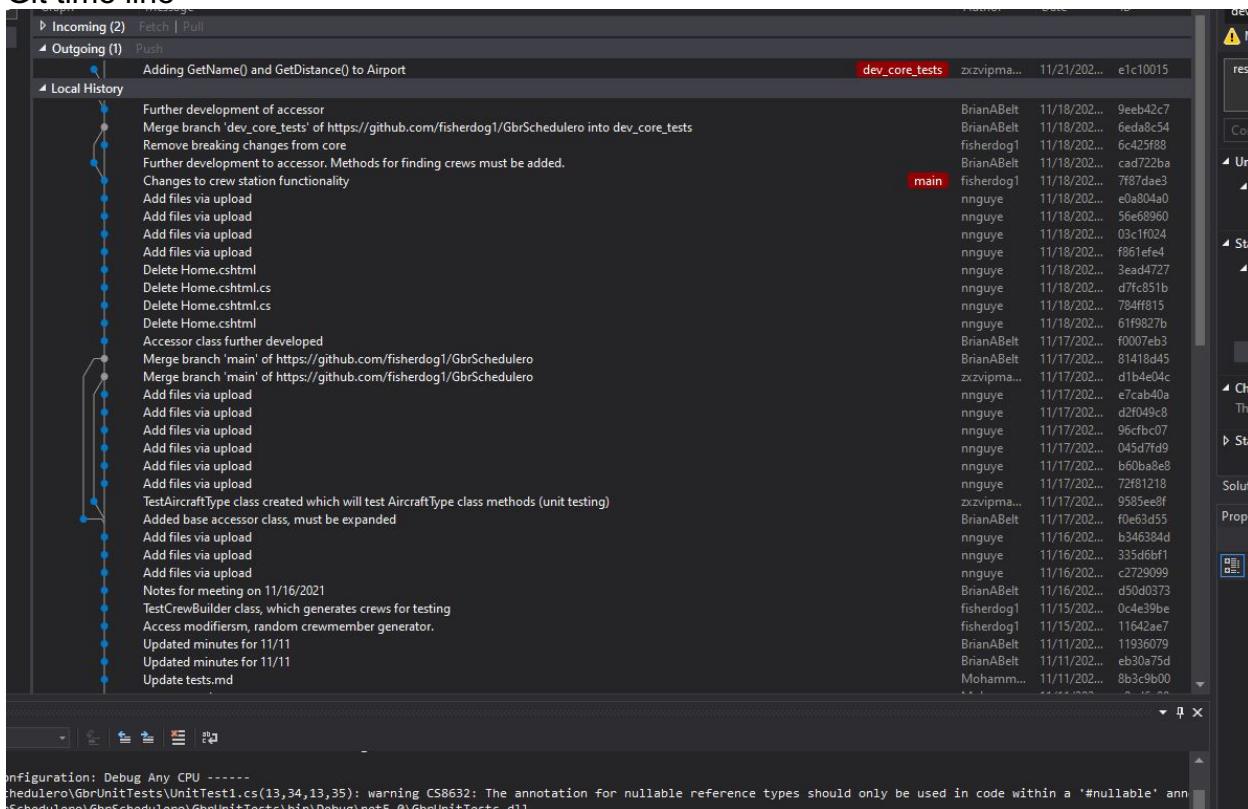
Database Design



Test explorer



Git time line



Meeting minutes



BrianABelt Updated minutes for 11/11 ✓

1 contributor

20 lines (17 sloc) | 1.68 KB

```
1 Notes for meeting on 11/11/2021:  
2  
3 -Interfaces must be implemented  
4 -Accessing the database will be more secure using a server in between the client and database  
5 -Rough drafts of UML diagram and UI was committed  
6 -Tests by requirements are being written  
7 -Clarification on flightplan class  
8  
9 for UML:  
10 -How to look at time within the database  
11 -Possible use of Lists or Maps to define time with flights  
12 -Look at type of interfaces that classes can be broken into  
13 -Interfaces for where something is, (flight, crew, aircraft) (ILocation)  
14 -Interface for when something will be  
15 -Need structure for keeping track of schedule changes  
16     *can make it hierarchical with version management  
17  
18 -Delays within code will be implemented with test data  
19 -Lots of UI design choices  
20 -Crew must be on duty a certain amount of time before the flight leaves (30 minutes)
```



BrianABelt Notes for meeting on 11/16/2021 ✘

1 contributor

16 lines (12 sloc) | 912 Bytes

```
1 Notes for meeting on 11/16/2021  
2  
3 -MUST SET UP ZENHUB BOARD  
4 -By end of week we want the database, c#, and client to connect together  
5     - want to be able to use client to show data from database  
6  
7 Frontend:  
8 -login page and basic setup has been created  
9 -further development to come  
10 -must implement javascript framework  
11  
12 Backend:  
13 - Database schemas are being created  
14 - Accessor to be created for database access  
15 - Test data access from database  
16
```



BrianABelt Meeting minutes for 11/9 ✓

1 contributor

19 lines (13 sloc) | 458 Bytes

```
1 11/9 meeting notes:  
2  
3 Brian:  
4 - Create UML diagram  
5 - Get idea of what needs to be on an ER diagram for the database setup  
6  
7 Aaron:  
8 - Test data generators  
9 - Design interfaces for required classes  
10  
11 Mohammed:  
12 - We are developing by testing  
13 - Test cases can be written now for certain expected behavior  
14  
15 Nhien:  
16 - Draft UI/UX design documentation  
17  
18  
19 What we have set for issues this week should keep us on track for completing the project in time.
```



fisherdog1 added contrib name and kickoff minutes ✓

1 contributor

3 lines (3 sloc) | 155 Bytes

```
1 - Visual studio and user secret setup.  
2 - Verify initial unit tests work on everyone's machine  
3 - Check that everyone has access to repo and can make commits
```

Requirements

main

GbrSchedulero / ProjectDocs / requirements.md

Go to file

...



fisherdog1 updated requirements and readme ✓

Latest commit 39ec98f 16 days ago History

1 contributor

51 lines (31 sloc) | 5.65 KB

<> Raw Blame ⌂ ⌃ ⌚ ⌚ ⌚ ⌚

Schedule

As a scheduling tool it should be reasonably assumed that the product will be used with other business tool f.e. to generate pay information and for analytics. Product should support features for aggregating information about crew hours. Most airlines separate paid hours into duty hours and all other hours spent away from base, the latter paid at a lower rate, with only active roles on flights counting as duty hours.

Flights

A flight is characterized by an origin and destination airport, and a flight number. The flight number is unique for a given origin, destination, and schedule; but not aircraft or aircraft type. The same flight will usually be scheduled several times over a week. A flight will only be allowed to depart while it meets the following requirements. The flight must have sufficient crew who are qualified on that aircraft. All crew used on the flight must have sufficient duty hours remaining to complete the flight (see Crew section below). If a crewmember does not have enough duty hours left, they can be replaced by another crewmember that does. Since the number of required crew is based in part on the number of passengers, flights must keep track of the number of passengers. The specific information about passengers is beyond the scope of the product. It may be necessary sometimes to fly extra crew to another airport to staff a future flight, in which case that crew must be placed on a flight that has extra seats available. Crew not performing crew duties must occupy passenger seats specifically, an extra flight attendant station cannot be used for this purpose.

Crews

This is a matter of flight planning rather than crew scheduling, so it should not be handled by this product. However, it is useful to know for

- what we talked about in class during the Review meeting with the instructor.
- 1-what is the technology used in our project, for example we used HTML and CSS for our UI
- 2- Zen hub board and that we need to create Epics
- 3- we need to show our database to the instructor in the next meeting