

Sprint Review meeting document for Sprint 2

Group 6

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

Zenhub board

Repos (1/1) ▾

Labels ▾

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»

New issue +

Find issues (f+i)

g

nts

⋮

+

In Progress

3 Issues - 0 Points

⋮

+

GbrSchedulero #3

Draft Client UML Diagram

GbrSchedulero #7

Add potential test cases to project documentation

GbrSchedulero #9

Create accessor class for database

Review/QA

0 Issues - 0 Points

⋮

+

Review/QA

Issues open to the team for review and testing. Code complete, pending feedback.

Done

3 Issues - 0 Points

⋮

+

GbrSchedulero #5

Draft UI / UX design documentation

GbrSchedulero #14

redesign Airport class

GbrSchedulero #15

Test Airport

Closed

5+ Issues

GbrSchedulero #2

Draft Database Schema

GbrSchedulero #8

Test data access from database

GbrSchedulero #11

Dev core tests

GbrSchedulero #10

UI ux

GbrSchedulero #1

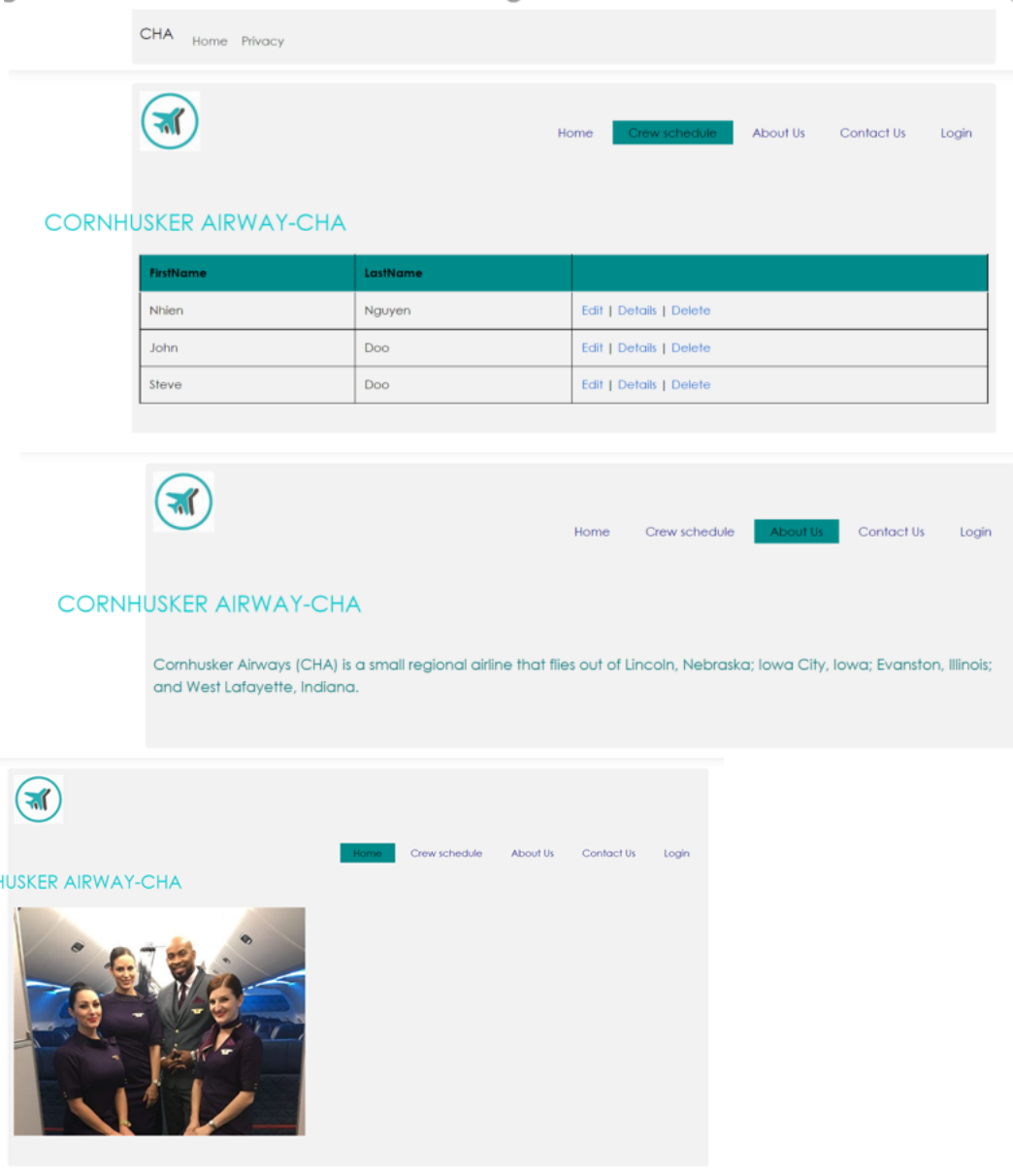
connection secret test

Load more issues


nt Backlog

o be worked on in the ized top-to-bottom.

# UI




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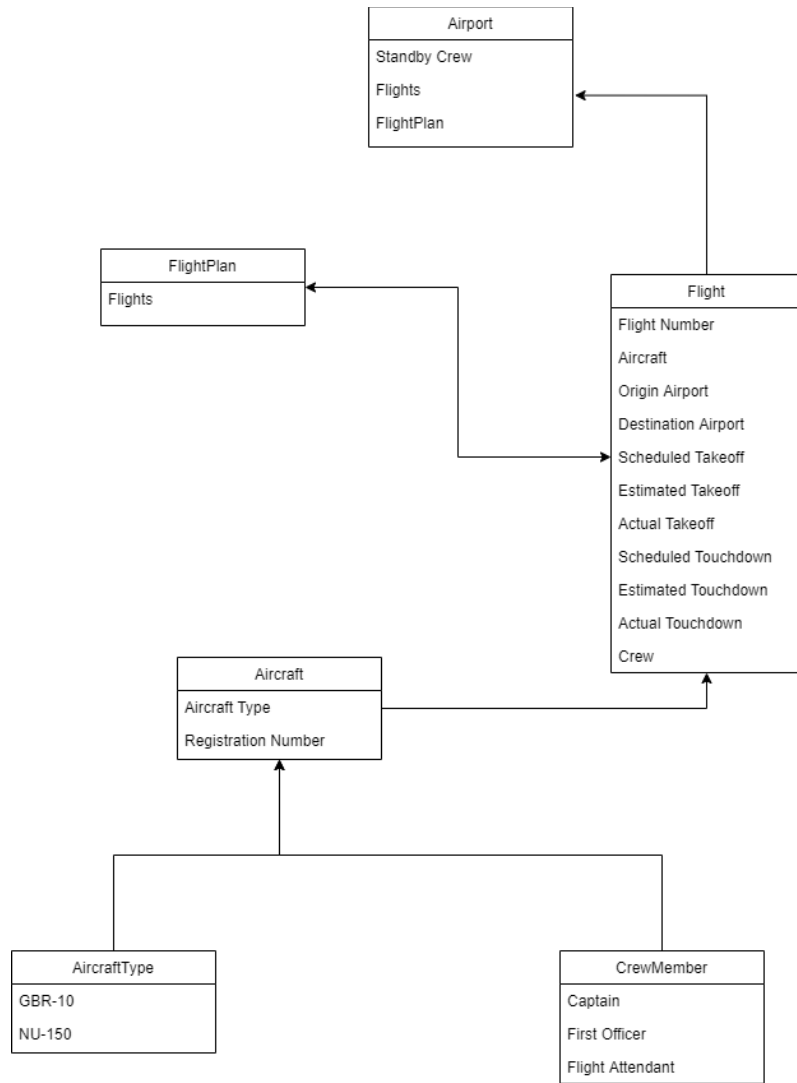
Password

Create

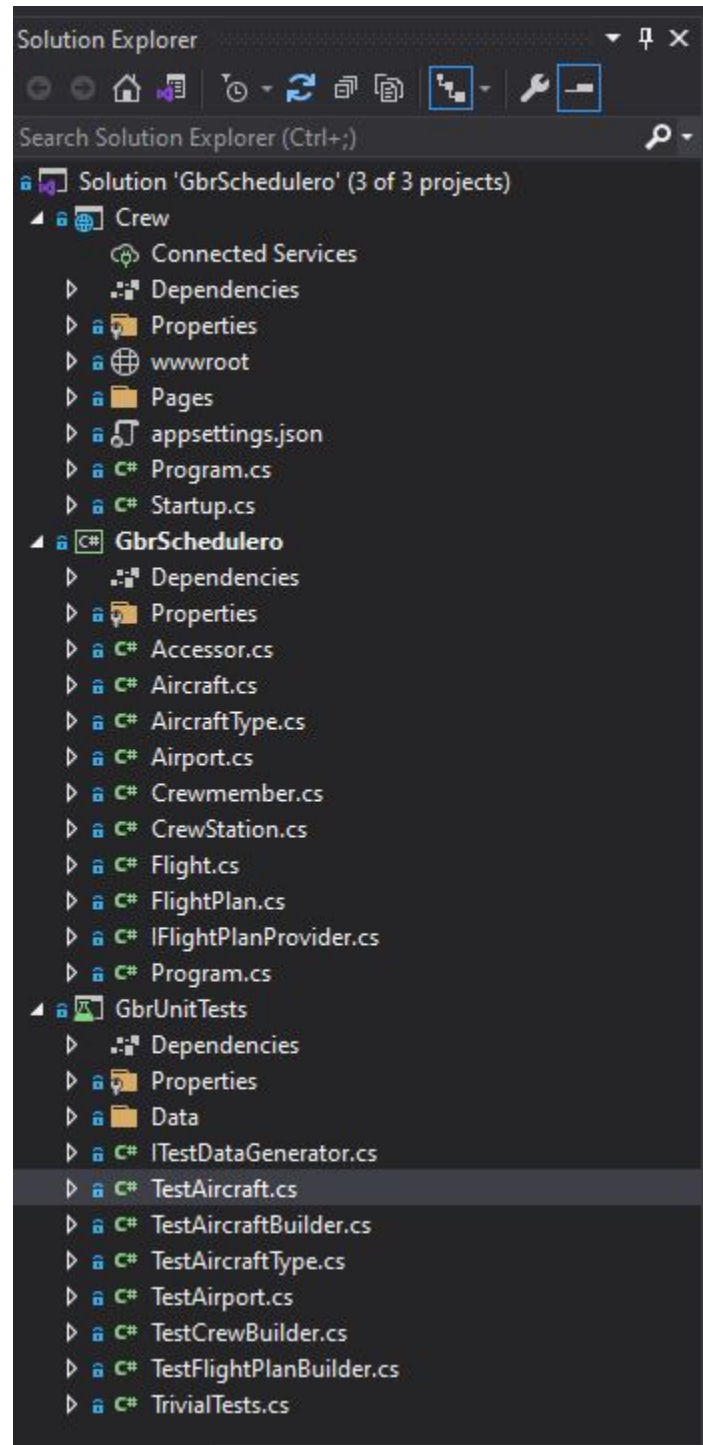
[Back to List](#)

## Database related information

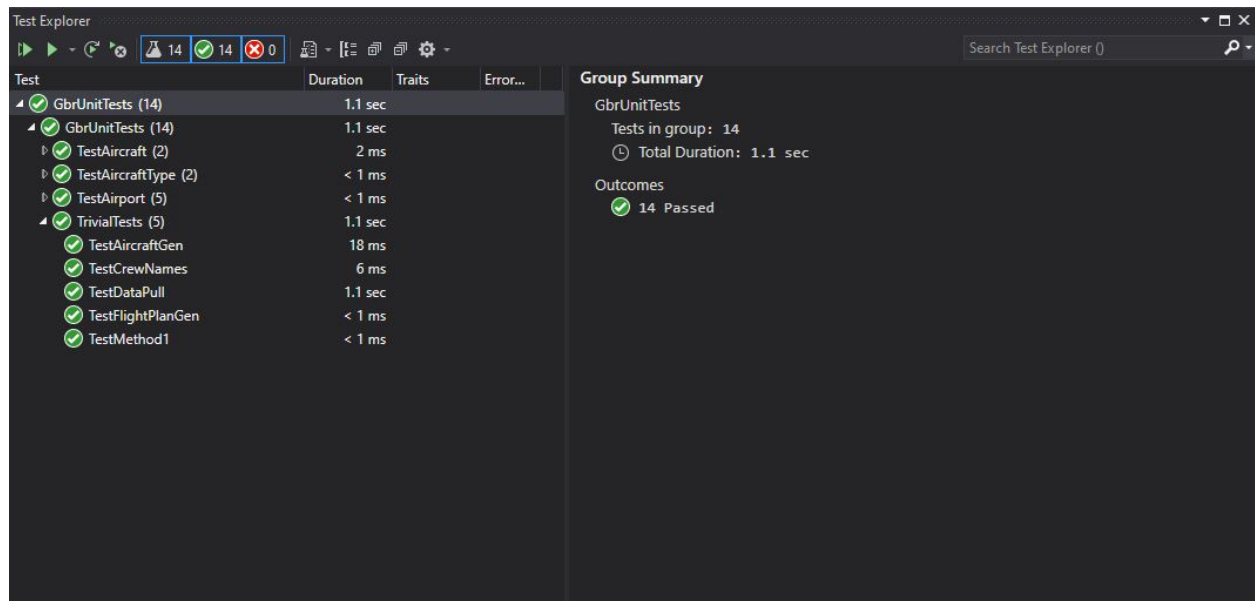
```
28 • CREATE TABLE AircraftType (  
29     typeName VARCHAR(10),  
30     aircraftTypeId INT NOT NULL AUTO_INCREMENT,  
31     PRIMARY KEY (aircraftTypeId)  
32 );  
33  
34 • CREATE TABLE Aircraft (  
35     registrationNumber VARCHAR(25) NOT NULL,  
36     aircraftId INT NOT NULL AUTO_INCREMENT,  
37     aircraftTypeId INT NOT NULL,  
38     crewId INT NOT NULL,  
39     PRIMARY KEY (aircraftId),  
40     FOREIGN KEY (aircraftTypeId)  
41         REFERENCES AircraftType (aircraftTypeId),  
42     FOREIGN KEY (crewId)  
43         REFERENCES Crew (crewId)  
44 );  
45  
1 • drop table if exists Airport;  
2 drop table if exists Flight;  
3 drop table if exists Aircraft;  
4 drop table if exists AircraftType;  
5 drop table if exists Crew;  
6 • drop table if exists CrewMember;  
7  
8 • CREATE TABLE CrewMember (  
9     firstName VARCHAR(20) NOT NULL,  
10    lastName VARCHAR(20) NOT NULL,  
11    qualification VARCHAR(20) NOT NULL,  
12    memberId INT NOT NULL AUTO_INCREMENT,  
13    PRIMARY KEY (memberId)  
14 );  
15  
16 • CREATE TABLE Crew (  
17    captain VARCHAR(20) NOT NULL,  
18    firstOfficer VARCHAR(20) NOT NULL,  
19    flightAttendant1 VARCHAR(20) NOT NULL,  
20    flightAttendant2 VARCHAR(20),  
21    crewId INT NOT NULL AUTO_INCREMENT,  
22    memberId INT NOT NULL,  
23    PRIMARY KEY (crewId),  
24    FOREIGN KEY (memberId)  
25        REFERENCES CrewMember (memberId)  
26 );  
27  
46 • CREATE TABLE Flight (  
47     flightNumber VARCHAR(23) NOT NULL,  
48     originAirport VARCHAR(20),  
49     destinationAirport VARCHAR(20),  
50     scheduledTakeoff TIME,  
51     estimatedTakeoff TIME,  
52     actualTakeoff TIME,  
53     scheduledTouchdown TIME,  
54     estimatedTouchdown TIME,  
55     actualTouchdown TIME,  
56     aircraftId INT NOT NULL,  
57     crewId INT NOT NULL,  
58     flightId INT NOT NULL AUTO_INCREMENT,  
59     PRIMARY KEY (flightId),  
60     FOREIGN KEY (aircraftId)  
61         REFERENCES Aircraft (aircraftId),  
62     FOREIGN KEY (crewId)  
63         REFERENCES Crew (crewId)  
64 );  
65  
66 • CREATE TABLE Airport (  
67     standbyCrewId INT NOT NULL,  
68     airportId INT NOT NULL AUTO_INCREMENT,  
69     PRIMARY KEY (airportId),  
70     FOREIGN KEY (standbyCrewId)  
71         REFERENCES Crew (crewId)  
72 );  
73
```



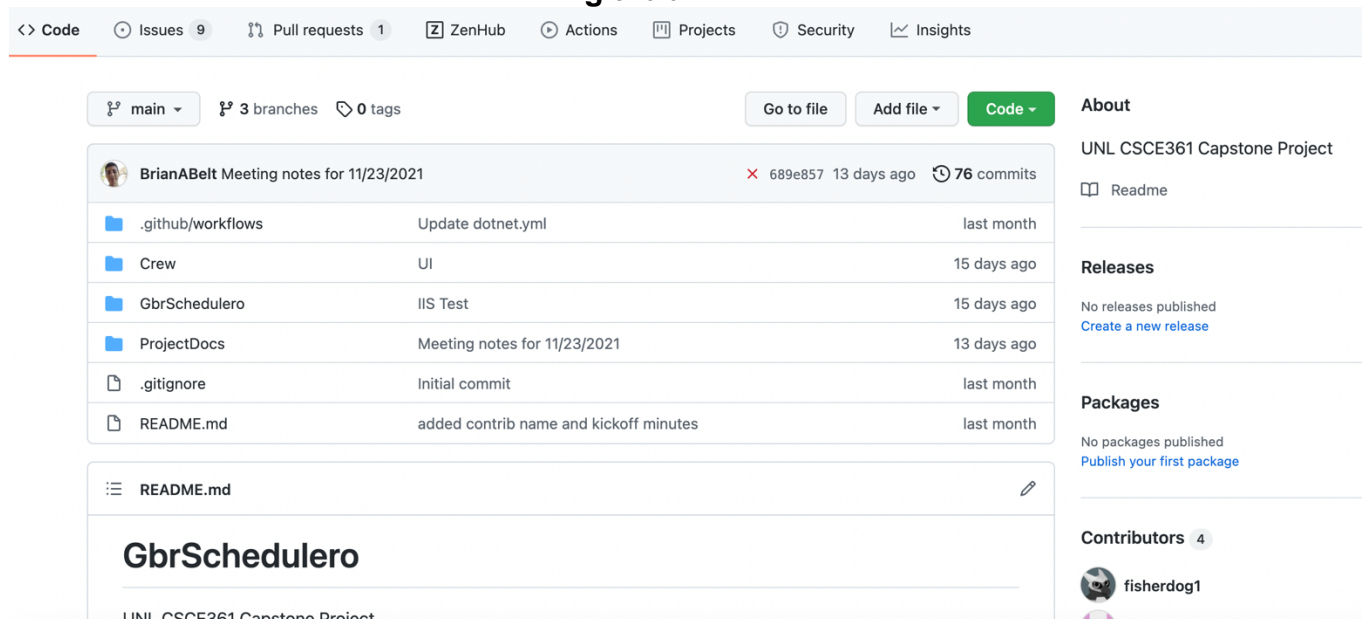
## solution explorer



## test explorer



## github



# Git Repository

Local History					
	updated Database connection test	dev_core_tests	BrianABelt	12/6/2021...	bfd83ae6
	Method added to clear all data from database		BrianABelt	12/5/2021...	815d9f46
	Update table setup for database		BrianABelt	12/5/2021...	83e7a4dc
	Update table setup for database		BrianABelt	12/5/2021...	c7c4f10b
	Data pull test and database development		BrianABelt	12/5/2021...	4a9a4f4d
	Merge branch 'dev_core_tests' of https://github.com/fisherdog1/GbrSchedulero into dev_core_tests		BrianABelt	12/5/2021...	5861b69c
	Compares airports based on their airportId in Equals method		zkzvipma...	12/2/2021...	9044917f
	Merge branch 'dev_core_tests' of https://github.com/fisherdog1/GbrSchedulero into dev_core_tests		zkzvipma...	12/2/2021...	e007a84c
	Partial impl of Flight constructor.		fisherdog1	12/2/2021...	dfda06a0
	ITestDataGenerator interface		fisherdog1	12/2/2021...	9b278696
	applying Singleton Pattern into Airport and adding two additional unit tests in TestAirport		zkzvipma...	12/2/2021...	f487ac31
	FlightPlan test data generator		fisherdog1	12/2/2021...	0a2ed00b
	creating unit tests for testing Equals method in aircraft class		zkzvipma...	12/2/2021...	4f76fff5
	minor filename change		fisherdog1	12/2/2021...	efac459b
	merge UnitTest1		fisherdog1	12/1/2021...	4134e58f
	Data pull from database tested, further accessor development		BrianABelt	12/5/2021...	2497e26e
	UnitTest1 changes		BrianABelt	12/1/2021...	56ee1854
	Test data generator for Aircraft		fisherdog1	12/1/2021...	ddb6377b
	test crewGenerator		BrianABelt	12/1/2021...	0e372de7
	Merge branch 'dev_core_tests' of https://github.com/fisherdog1/GbrSchedulero into dev_core_tests		BrianABelt	11/30/202...	2c68777a
	Adding unit test class for airport		zkzvipma...	11/29/202...	cc57c0e7
	small changes to connection process in accessor		BrianABelt	11/30/202...	a703b26a
	Merge branch 'main' into dev_core_tests		fisherdog1	11/22/202...	5c244886
	Merge pull request #10 from fisherdog1/UI_UX		fisherdog1	11/22/202...	21199309
	IIS Test		fisherdog1	11/22/202...	d7384d25
	Remove extra pages from GbrSchedulero (moved to Crew project)		fisherdog1	11/22/202...	47e312df
	UI		Nhien Ng...	11/21/202...	57c9697c
	Crew UI		Nhien Ng...	11/19/202...	814d8932
	removed accessor from main		BrianABelt	11/18/202...	adb97ff5
	Revert "Further development to Accessor class"		BrianABelt	11/18/202...	80a2416c
	Further development to Accessor class		BrianABelt	11/18/202...	a7dc3a0f
	resolve merge conflict in Airport		zkzvipma...	11/22/202...	0e053de4
	Some type choices for times and distances		fisherdog1	11/21/202...	b9803ab1
	Minor additions to implementations of classes		fisherdog1	11/21/202...	7ce32b92
	Adding GetName() and GetDistance() to Airport		zkzvipma...	11/21/202...	e1c10015