IMS Project Log Will McCudden

13th Jan 2021

I've completed the project risk assessment, entity relationship diagram, started my Jira board and acquainted myself with the project starting point.

14th Jan 2021

I've added the Order.java, OrderController.java, OrderServices.java and OrderDaoMysql.java files. They're not yet connected to items but I am able to create, read, update and delete orders.

I've completed all the Item classes in java so that they now connect to the database and allow the user to create, read, update and delete items. I've also finished all methods in OrderDaoMysql and OrderServices. I haven't tried them out yet so that will be for tomorrow.
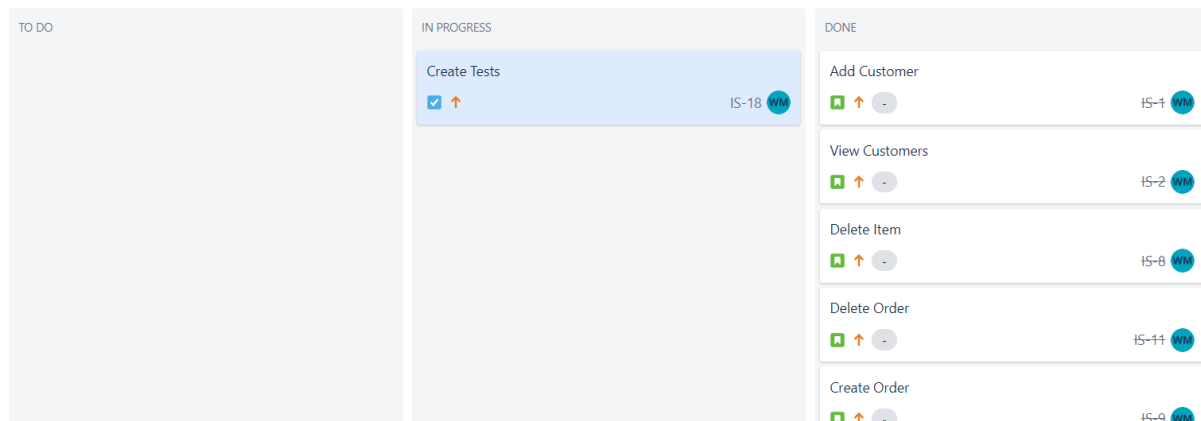
15th Jan 2021

I've added two new tasks to the sprint board. I hope to finish all order functionality and the return functionality by the end of the day.

Today, I've had more trouble than expected with getting the OrderDaoMysql class to work with SQL. But I'm optimistic I can get it done on monday.

18^h Jan 2021

I've now finished the OrderDaoMysql class with full functionality and managed to add loops in the lms class so that the return and stop commands work as desired. Tomorrow I'll begin writing the tests.
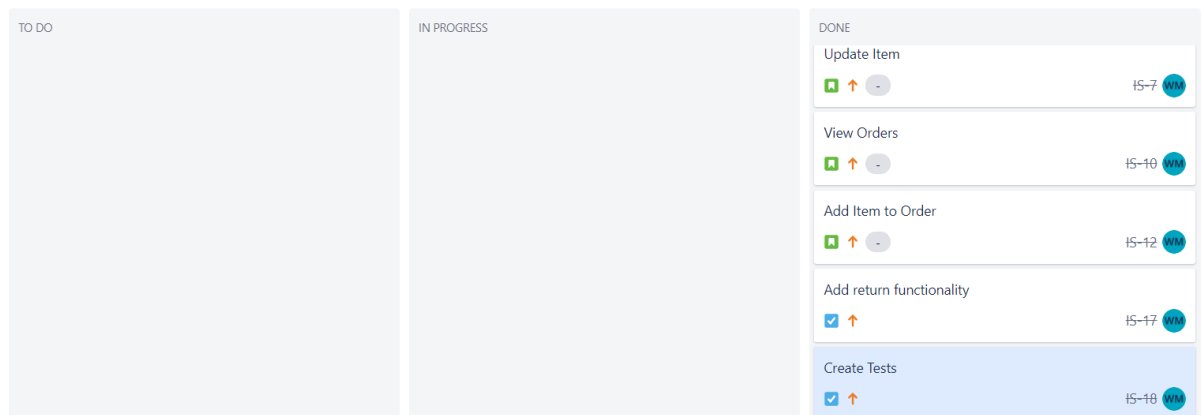
I don't think the tests should be too difficult to complete so I think it's possible I could finish them all today.

Today I've had more issues with testing than I thought I would, specifically using Mockito. However, I've managed to finished the OrderControllerTest and ItemControllerTest classes.

20th Jan 2021

Today I've got the hang of Junit tests and I've finished all testing classes with 80.8% coverage of the code. Tomorrow I'll attempt to connect to the GCP instance and build the project so that it is runnable as a .jar file

Element	Coverage	vered Instructions	lissed Instructions	Total Instructions
✔ 🐦 IMS	88.9 %	5,212	652	5,864
> 📁 src/test/java	97.3 %	2,800	78	2,878
> 📁 src/main/java	80.8 %	2,412	574	2,986

21st Jan 2021

The project is now built and connects to the GCP instance. I've spent the remainder of my day preparing for the presentations tomorrow.