

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.

TO DO	IN PROGRESS	DONE
<div>Delete Item IS-8</div>		
<div>Delete Order IS-11</div>		
<div>Create Order IS-9</div>		
<div>Delete Item from Order IS-14</div>		
<div>Calculate Cost of Order IS-13</div>		
<div>Add Item IS-5</div>		
<div>View Items IS-6</div>		
<div>Update Item IS-7</div>		

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.

TO DO	IN PROGRESS	DONE
<div>Delete Item from Order IS-14</div>	<div>Delete Item IS-8</div>	<div>Delete Order IS-11</div>
<div>Calculate Cost of Order IS-13</div>	<div>Add Item IS-5</div>	<div>Create Order IS-9</div>
<div>Add Item to Order IS-12</div>	<div>View Items IS-6</div>	<div>View Orders IS-10</div>
	<div>Update Item IS-7</div>	

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.

TO DO	IN PROGRESS	DONE
	<div>Delete Item from Order</div> <div>IS-14</div>	<div>Delete Item</div> <div>IS-8</div>
	<div>Calculate Cost of Order</div> <div>IS-13</div>	<div>Delete Order</div> <div>IS-11</div>
	<div>Add Item to Order</div> <div>IS-12</div>	<div>Create Order</div> <div>IS-9</div>
		<div>Add Item</div> <div>IS-5</div>
		<div>View Items</div> <div>IS-6</div>
		<div>Update Item</div>

15th Jan 2021

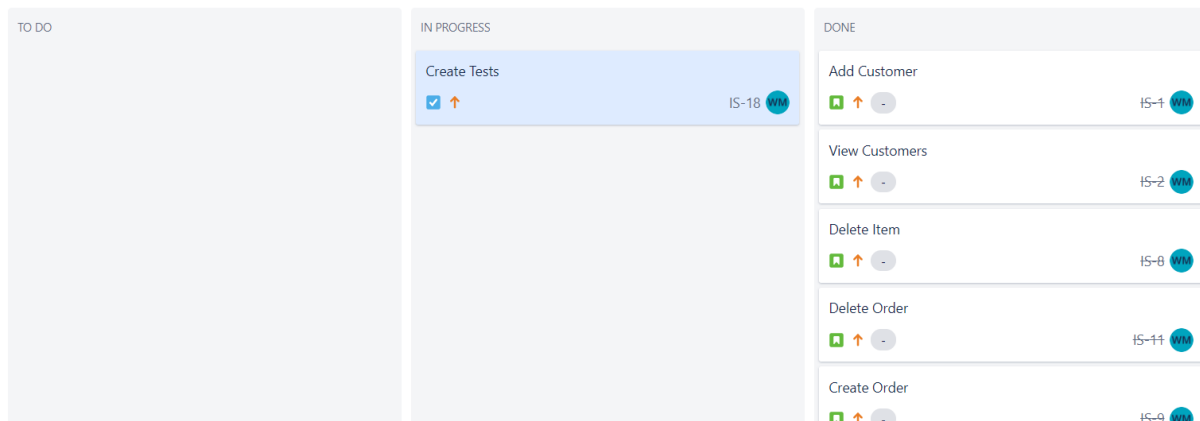
I've added two new tasks to the sprint board. I hope to finish all order functionality and the return functionality by the end of the day.

TO DO	IN PROGRESS	DONE
<div>Add return functionality</div> <div>IS-17</div>	<div>Delete Item from Order</div> <div>IS-14</div>	<div>Delete Item</div> <div>IS-8</div>
<div>Create Tests</div> <div>IS-18</div>	<div>Calculate Cost of Order</div> <div>IS-13</div>	<div>Delete Order</div> <div>IS-11</div>
	<div>Add Item to Order</div> <div>IS-12</div>	<div>Create Order</div> <div>IS-9</div>
		<div>Add Item</div> <div>IS-5</div>
		<div>View Items</div> <div>IS-6</div>
		<div>Update Item</div>

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 Ims class so that the return and stop commands work as desired. Tomorrow I'll begin writing the tests.



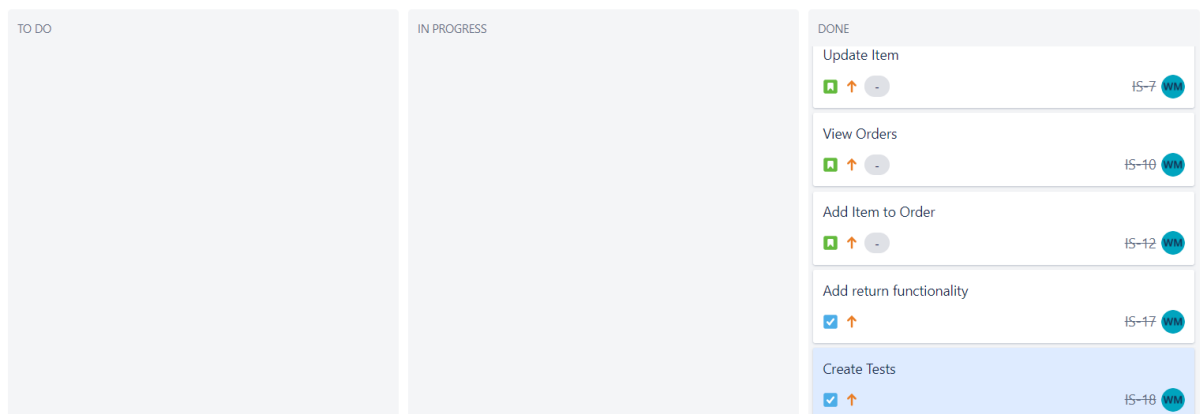
19^h Jan 2021

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 finish 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 79.7% 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



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.