

Project Management Board

Jira was used to create a project management board and below are screenshots of my project board as I made progress with my project.

Week 1:

PROJ board

To Do	In Progress	Done
<div>Modify OrderDaoMySQL read methods to select data from orders and orderlines ✓ ↑ IMS-30</div>	<div>As a user I want to be able to add an item to an order so that the order has the correct items that the customer wants ORDER CRUD ↑ 15 IMS-15</div> <div>As a user I want to delete an item in an order so that the order does not contain an item the customer does not want ORDER CRUD ↑ 15 IMS-16</div> <div>Create orderline table in MySQL ORDERLINE CRUD ✓ ↑ IMS-22</div>	<div>As a user I want to be able to create an order in the system so that I can store information on orders placed by customers ORDER CRUD ↑ 8 IMS-12</div> <div>As a user I want to be able to view all orders in the system so that I can retrieve information relating to a customer's orders ORDER CRUD ↑ 5 IMS-13</div> <div>As a user I want to be able to delete an order in the system so that the system correctly reflects when a customer has cancelled an order ORDER CRUD ↑ 5 IMS-14</div>

Week 2:

PROJ board

To Do	In Progress	Done
<div>Check if better to use separate variables for ItemID ordered and item quantity or hashMap ORDER CRUD ✓ ↑ IMS-32</div>	<div>As a user I want to be able to calculate a cost for an order so that I can see how much the customer has paid ORDER CRUD ↑ 5 IMS-17</div> <div>Check if price should be of type float or Float ORDER CRUD ✓ ↑ IMS-31</div> <div>Create different modelResultSet methods for different Order read methods ORDER CRUD ✓ ↑ IMS-33</div>	

Week 2:

PROJ board

To Do	In Progress	Done
<div>Create ItemDaoMySQL test ✓ ↑ IMS-37</div> <div>Create OrderDaoMySQL test ✓ ↑ IMS-38</div>	<div>Create order domain test ✓ ↑ IMS-40</div> <div>Create OrderController test ✓ ↑ IMS-36</div>	<div>Create ItemController test ✓ ↑ IMS-35</div> <div>Create item domain test ✓ ↑ IMS-39</div> <div>Create OrderServices test ✓ ↑ IMS-42</div> <div>Create ItemServices test ✓ ↑ IMS-41</div>

PROJ board

To Do	In Progress	Done
<div>Add project to SonarQube ✓ ↓ IMS-46</div> <div>Create working .gitignore ✓ ↓ IMS-47</div> <div>Generate fat .jar in root folder of git repo ✓ ↓ IMS-48</div>	<div>Generate UML diagram for project ✓ ↑ IMS-43</div> <div>Update README in project ✓ ↑ IMS-45</div>	<div>Check that output messages are all consistent for customers, items and orders ✓ ↑ IMS-26</div>

User Story	Story points*
As a user I want to be able to add an item to the system so that I know what items are available	8
As a user I want to be able to view all items in the system so that I can retrieve information about different items	5
As a user I want to be able to update an item in the system so that the information stored in the system is correct	8
As a user I want to be able to delete an item in the system so that the system correctly reflects what items are available	5
As a user I want to be able to add a customer to the system so that I can store their details	8
As a user I want to be able to view all customers in the system so that I can retrieve information about different customers	5
As a user I want to be able to update a customer in the system so that the information stored in the system is correct	8
As a user I want to be able to delete a customer in the system so that the system contains active customers	5
As a user I want to be able to create an order in the system so that I can store information on orders placed by customers	13
As a user I want to be able to view all orders in the system so that I can retrieve information relating to a customer's orders	8
As a user I want to be able to delete an order in the system so that the system correctly reflects when a customer has cancelled an order	5
As a user I want to be able to add an item to an order so that the order has the correct items that the customer wants	13
As a user I want to delete an item in an order so that the order does not contain an item the customer does not want	13
As a user I want to be able to calculate a cost for an order so that I can see how much the customer has paid	8

*Story points were calculated based on the Fibonacci sequence. The user stories above are considered as 'must have' according to the MoSCoW method.

The following are extra tasks also prioritised according to the MoSCoW method:

Must have	Create ERD for tables to use in IMS database
	Create UML diagram
	Create Project Risk Assessment
	Generate fat .jar in root folder of Git repository
Should have	Create presentation slides and notes
	Update README in project
Could have	Screenshots of code before and after completion
	Check that output messages are all consistent for customers, items and orders
Won't have	Add project to SonarQube