

MY PROJECT: INVENTORY MANAGEMENT SYSTEM

PowerPoint displaying work in project

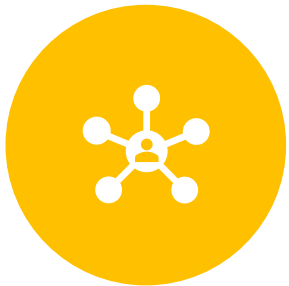
Introduction



My approach:



Looked at what documentation was needed and went through it




Made users stories after looking at domain and added them to Jira, keeping in mind what entities I had to add as well as doing the risk Assessment



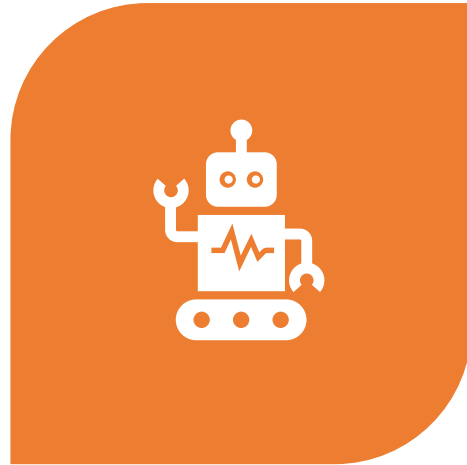
Made a note of the technological constraints and how I was going to use them



Consultant Journey

- Technologies I have learnt:
 - Database management: MYSQL
 - Backend: Java
 - Check Code: Sonarqube
 - Project Management: Jira
 - Source Code Management: GitHub
 - Version Control System: Git
 - Build Tool: Maven
 - Unit Testing: JUnit
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VERSION CONTROL



VERSION CONTROL?

**AFTER DOING A SIGNIFICANT AMOUNT OF
WORK I WOULD THEN PUSH THE FILES ONTO
GITHUB GIVING IT A RELEVANT BRANCH NAME
AS WELL AS MAKING SURE FILES WERE SAVED
ON MY PC.**

Testing

Console Coverage Terminal					
java (1) (Jan 29, 2021 11:04:09 AM)					
Element	Coverage	Covered Instructio...	Missed Instructions	Total Instructions	
20DecSDET2-IMS-Starter	58.0 %	1,805	1,305	3,110	
src/main/java	49.5 %	1,271	1,297	2,568	
> com.qa.ims	0.0 %	0	19	19	
> com.qa.ims.cli	0.0 %	0	368	368	
> com.qa.ims.controller	0.0 %	0	356	356	
> com.qa.ims.persistence.dao	64.0 %	595	335	930	
> CustomerDao.java	74.9 %	185	62	247	
> ItemDao.java	74.9 %	185	62	247	
> OrderDao.java	51.6 %	225	211	436	
> com.qa.ims.persistence.domain	78.7 %	509	138	647	
> Customer.java	84.0 %	147	28	175	
> Item.java	82.7 %	143	30	173	
> Order.java	73.2 %	219	80	299	

Demonstration



Making a customer: As a user I want to add a customer to the system so that I can keep track of my customers



Creating an item: As a user I want to add an item to my system so that I can keep track of my items















Creating an order: As a user I want to create an order in the system so I can keep track of orders



Ect.

Sprint Review

- What did I complete?
- What got left behind?

 As a user I want to add a customer to the system so that I can keep track of my customers	FP-11	↑	-
 As a user I want to view how many customers in my system so I can see how many people	FP-12	↑	-
 As a user I want to update my customers on my system so I can make relevant changes to them	FP-13	↑	-
 As a user I want to delete a customer so I can remove unwanted data on my system	FP-14	↑	-
 As a user I want to add an item to my system so that I can keep track of my items	FP-15	↑	-
 As a user I want to view how many items in my system so I can see how many items	FP-16	↑	-
 As a user I want to update my items on my system so I can make relevant changes to them	FP-17	↑	-
 As a user I want to delete an item on my system so I can remove unwanted items	FP-18	↑	-
 As a user I want to delete an order on my system so I can remove unwanted orders	FP-21	↑	-
 As a user I want to add an item to my order so I can have multiple items in my order without making	FP-22	↑	-
 As a user I want the cost of my order calculated so I can see how much an order costs	FP-23	↑	-
 As a user I want to delete an item from my order so I can remove unwanted items			

 Quickstart

Sprint Retrospective

- What went well?
 - Was able to most of the sprints I needed as well as run tests
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- What could be improved?
 - Found Order by far the most difficult to make, got help especially with getting the total Ordervalue as well as grabbing orders from my items list
 - General look of code could be neater
 - Could have used Sonarqube to help find coding errors

Conclusion

- FUN
- TOUGH
- GOOD LEARNING CURVE