Inventory Management System

Rianna Johnson

About Me

- Business and Management Graduate.
- Studied at Aston University

Approach to specification

- To Do List

- Ticking things off as I go along

- Double checking each point that is asked of me within the project spec

- Making sure that no matter what I was always working on something whether it was admin tasks/coding/presentation

Consultants journey

- Finding similarities in other languages to help me (Python).

Technologies Learnt:

Git, Eclipse, MYSQL

Learn Programming, Coding Online - Programming Hub

SoloLearn: Learn to Code for Free!

Learn to Code for Free – Coding Courses for Busy People (freecodecamp.org)

Learn to Code - for Free | Codecademy

CI: Approach to git

- Making note of common commands that are used > "git add", "git commit –m", git push

- Created a poster board.

- Screenshot of any errors

Testing- what was tested?

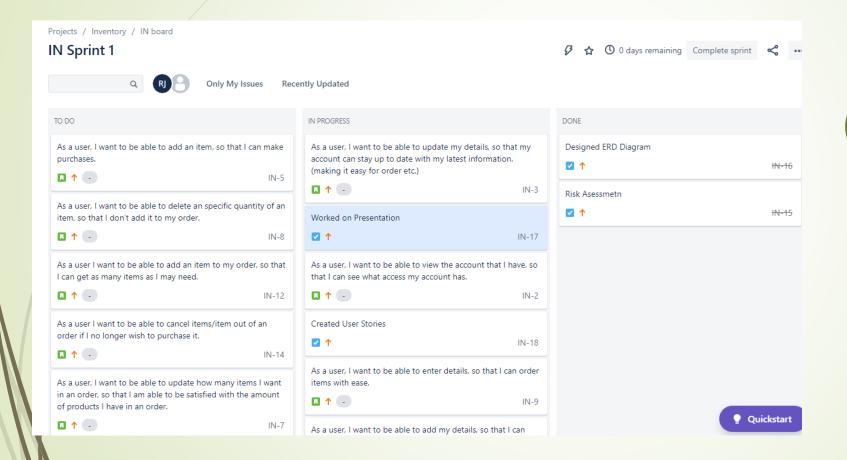| 8	17/01/2020	IT	Design Flaw	MEDIUM	HIGH	With incomplete code and errors in the syntax the end user will not be able to get the full user of the application	Focuses on the end of the project and so the proximity could last between a few hours or more depending on how long the issues occur.	Running frequent tests and double-checking code to ensure everything sorts runs properly.
9	20/01/2021	Technology	Testing	HIGH	HIGH	Whilst the code that I run works. I will not be able to know if it is long term code.	N/A	Researching as many topics as needs (watching tutorials)
10	21/01/2020	Mismanagement	Time Constraint	HIGH	HIGH	Application being incomplete, thus affecting user experience.	N/A	Trying to complete as much of the application as possible

Project Name:	Inventory Management System
Project Description:	Allowing consumers to input their data to make orders on items.
Project Owner:	Rianna Johnson

Probability/Risk Level > Colour chart
Red: High
Yellow: Medium
Green: Low

Risk ID	Date Registered	Risk Area	Risk Description	Probability	Risk Level	Project Impact	Proximity/Length of impact	Response Strategy
1	18/12/2020	Internet Connection	Currently everyone is working from home and school in my house and so the WIFI connection is being used more often in my house.	MEDIUM	HIGH	if I do run into computer issues it could take considerably longer to get things done.	Depending on how long it may take to get a new system issued it could take around 2 days to a week.	Attempting to get a new device issued. In order to complete the project.
2	18/12/2020	Lack of knowledge for Java	New to the teachings	MEDIUM	HIGH	Difficult to work on project and complete tasks set.	Duration of the project sprint as the application of the new knowledge I gain will then be used.	Researching and reading on many relatable topics, for example, watching tutorials.
3	18/12/2020	Lack of knowledge for MYSQL	MYSQL and the idea or linking a connectivity is new to me.	MEDIUM	HIGH	Difficult to work on project and complete tasks set.	Being a database project, the impact will be significant > Duration of the project.	Researching and reading on many relatable topics, for example, watching tutorials.
4	18/12/2020	Minimal knowledge using git	Git commands can be very confusing	MEDIUM	MEDIUM	Difficult to work on project and complete tasks set.	The duration is likely to be shorter a few hours to a few days as I begin to get more comfortable with the version control.	Researching and reading on many relatable topics, for example, watching tutorials.
5	27/12/2020	Covid-19	Siblings still commuting to and from work and so possibility of catching the virus is rather high	MEDIUM	LOW	Depending on the strain that the virus puts on my body	According to W.H.O a minimal of 2 weeks quarantine time	Ensuring that I am maintaining the Governments recommendations on maintaining lockdown and tier restrictions
6	27/12/2020	Acts of God	Snow/Rain Storms	LOW	LOW	If damage to internet and electric cables are bad	Depending on the damage caused, could last between a few hours to a few days.	Regularly committing my work using Git Bash

USER STORIES

IN Sprint 1

0 days remaining | Complete sprint

Only My Issues | Recently Updated

TO DO

As a user, I want to be able to delete an specific quantity of an item, so that I don't add it to my order.

- IN-8

As a user I want to be able to add an item to my order, so that I can get as many items as I may need.

- IN-12

As a user I want to be able to cancel items/item out of an order if I no longer wish to purchase it.

- IN-14

As a user I want to be able to view how much an order will cost before purchasing, so that I can budget accordingly.

- IN-13

IN PROGRESS

As a user, I want to be able to update how many items I want in an order, so that I am able to be satisfied with the amount of products I have in an order.

- IN-7

DONE

Designed ERD Diagram

IN-16

As a user, I want to be able to update my details, so that my account can stay up to date with my latest information. (making it easy for order etc.)

IN-3

As a user, I want to be able to add an item, so that I can make purchases.

IN-5

Risk Asessmetn

IN-15

As a user I want to be able to cancel an order, so that I no longer have to make a purchase on an item that maybe cancelled.
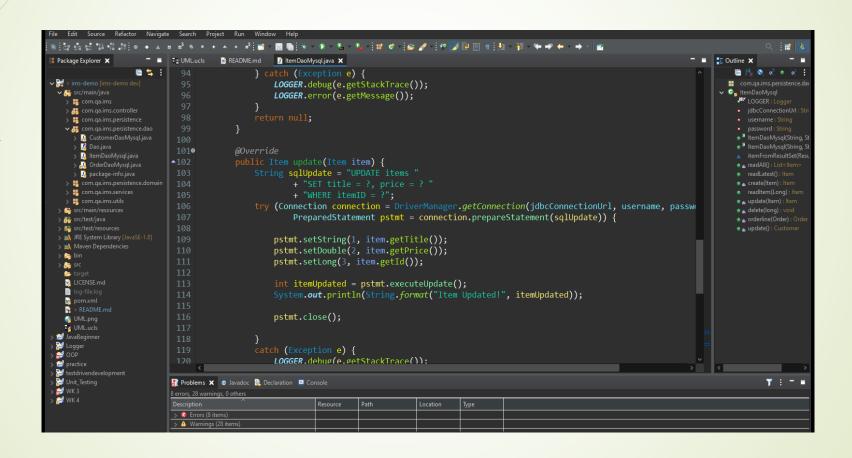
Quickstart

DEMONSTRATION

SPRINT REVIEW

WHAT GOT COMPLETED

- Risk Assessment
- Crud Functions
- Jira/Kanban Board
- UML diagrams
- ERD diagrams

WHAT GOT LEFT BEHIND

- Orderline
- Testing
- Connecting to GCP

SPRINT RETROSPECTIVE	
What Went Well?	What could be improved?
Error Handling	**Logic Skills**
CRUD functions	Time Management
	Data Manipulation

Conclusion

FINAL THOUGHTS:

- Having more time
- A chance to review our work
- Attempt as a team OR in pairs (assigned roles)
- Good Learning but VERY hardcore

References

- [sql - Update a record value in java database - Stack Overflow](#)

- [Updating Data in MySQL Using JDBC PreparedStatement (mysqltutorial.org)](#)

- [Querying Data From MySQL Using JDBC (mysqltutorial.org)](#)

- [Updating Data in MySQL Using JDBC PreparedStatement (mysqltutorial.org)](#)

- [Null Pointer Exception In Java – GeeksforGeeks](#)

- [Top 20 Git Commands With Examples - DZone DevOps](#)

- [How Companies Can Reduce Internal and External Business Risk (investopedia.com)](#)

QUESTIONS?