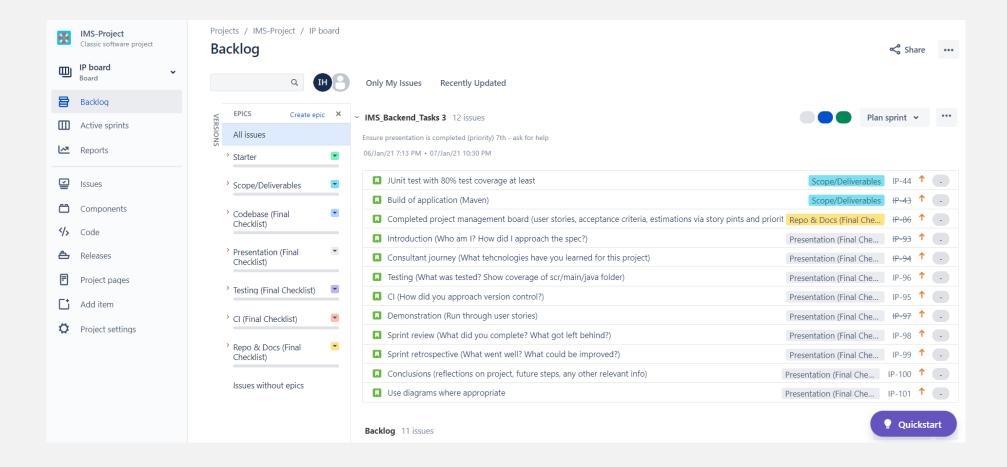
# INVENTORY MANAGEMENT SYSTEM (IMS) PROJECT

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# **DESIGN - JIRA**



## DESIGN - RISK ASSESSMENT AND ERD

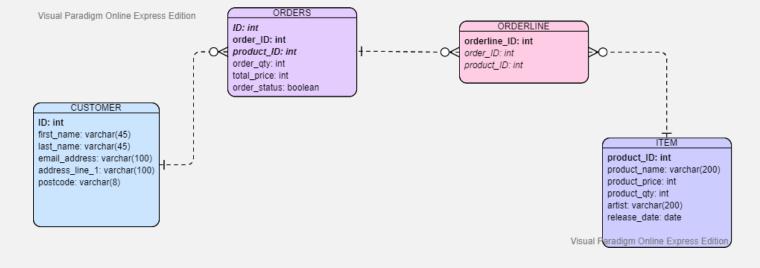
### IMS PROJECT RISK ASSESSMENT

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I M	5 EXTREME	5	10	15	20	25
	4 MAJOR	4	8	12	16	20
P A	3 MOD	3	6	9	12	15
C	2 MINOR	2	4	6	8	10
	1 LOW	1	2	3	4	5
		1 RARE	2 UNLIKELY	3 POSSIBLE	4 LIKELY	5 CERTAIN
		LIKELIHOOD				

IABLE 1: Displays a table showing the risk rating of potential risks that may arise during the project

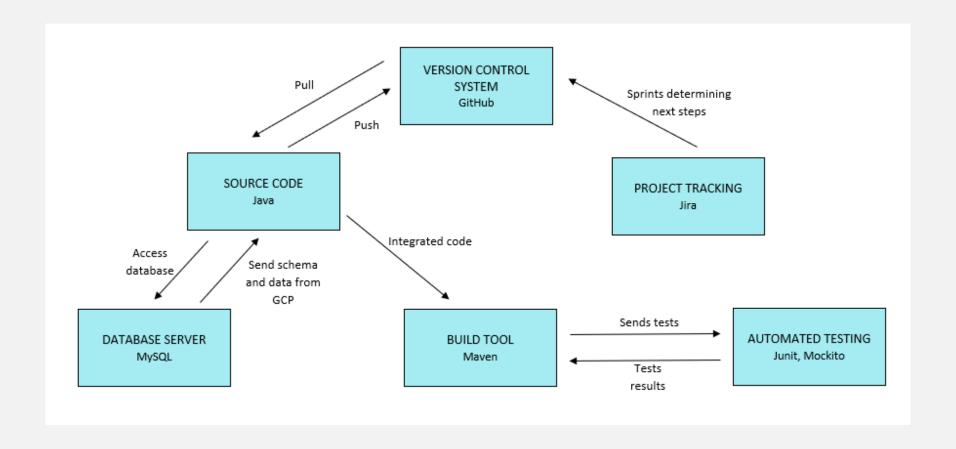
ID	RISK	CAUSE	EFFECT	RISK RATING			ACTION
	DESCRIPTION			IMPACT	LIKELIHOOD	TOTAL	
1	Contraction of COVID-19 virus	Contact with anyone who may have the virus by going out	May not be able to complete the project	5	3	15	Inform trainer and quarantine self as advised by medical professional
2	Running out of time	Poor time management	Project requirements not fully met	5	4	20	Ensure sprints are adhered to during working day. Plan efficiently
3	Difficulties performing tasks	Untreated ADHD (currently waiting to see a specialist) which makes it difficult to focus	Project requirements not fully met	5	2	10	Take regular breaks and work on tasks which help stimulate brain



# CONSULTANT JOURNEY

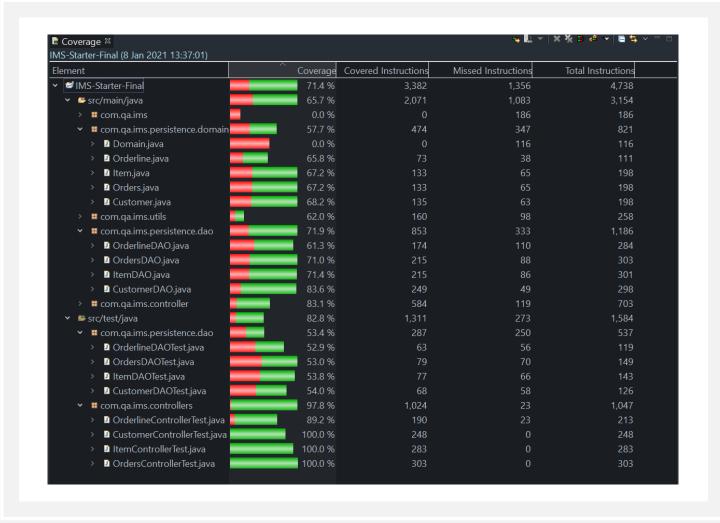
- Agile Scrum board (Jira)
- Source Control Git, GitHub
- Cloud GCP
- Database mySQL
- Programming language Java
- Build tool Maven
- Testing Junit, Mockito

## CI PIPELINE



## **TESTING**

- Overall a 71.4% test coverage
- 65.7% coverage in src/main/java



# DEMO

## SPRINT REVIEW

## COMPLETED

- Completed 5 sprints each staged based on requirements in the IMS spec
  - Able to show some programming and software development techniques
  - Produce mainly successful tests

## RETURNED TO BACKLOG

- Testing of at least 80% was not achieved
- Didn't understand what I had to do for .gitlgnore
- Difficulty in some parts of the code so I was not able to complete some tests

## SPRINT RETROSPECTIVE

- To improve the sprint:
  - Better use of how stories were created
  - Pace self so that I don't feel overwhelmed by the number of stories
- However
  - I was able to complete tasks that were required for the product to work to an extent
  - Worked my way from simpler to more complex tasks

## CONCLUSION

- Overall the IMS allowed me to:
  - Experience what working on an individual project with a future client would be like
  - Allowed me to develop organisation skills in an efficient way (Jira)
  - Once I was acquainted with code I was able to easily pick out errors (eventually)
  - Allowed me to hone in on the skills I have learnt so far from past 5 weeks of training