



IMS Project

By Aaron Nicely

Design

A	B	C	D	E	F	G
<div>1. Risk Identification</div> <div>Project name: <u>IMS</u></div>			<div>Date prepared: 17/12/20</div>			
ID		Title	Statement	Category	Sub-Category	Phase
	1	Lack of Developers	If developers from other teams are not available to participate in key project activities per the schedule, then there may be delays in the schedule, with associated costs in a longer project.	Organisational	Staffing sufficiency	UAT
	2	Lack of Sprint Management	If the sprints are not managed correctly there could be delays if time is not allocated appropriately.	Organisational	Management	Planning
	3	Backlog Management	It is imperative that the backlog has all of the relevant tasks set and identified with time estimates so that I can manage my time accordingly and plan how to complete the project effectively	Time Management	Management	Planning

Design

1. Risk Identification

Project name: IMSDate prepared: **17/12/20**

ID	Title	Statement	Category	Sub-Category	Phase
4	JUnit	If the testing is not completed to almost 80% this can create even more unexpected errors during run time and may cause the application to not run as intended	Technical	Programming	Post Live
5	ERD Modelling	If the ERD and its relationships are not modelled accordingly, this will affect the SQL database as the orders_items table will not be able to transfer information from the orders and products table properly if the cardinality is not correct	Diagram	Planning	Planning
6	Github	It is paramount that I merge the commits to the main branch when the project is completed so that the code is up to date in	Version Control	Post Completino	Go Live



1_RiskIdentification ▾

2_RiskAssessment ▾

3_RiskResponse ▾

4_RiskMonitorControl ▾

RiskR

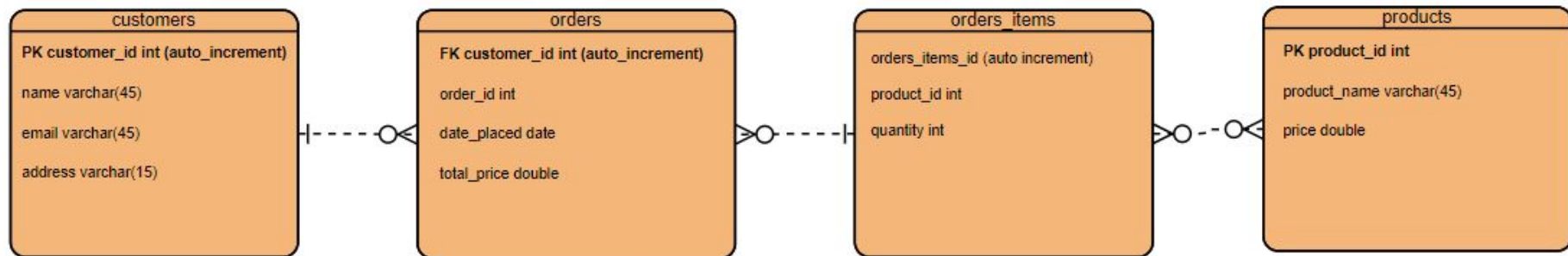


Introduction

Design

3. Risk Response		Date prepared: 17/12/20			
Project name: IMS					
ID	Title	Response Plan	Response Category	Trigger(s)	
1	Lack of Developers	Project manager is responsible for tracking each assignment to each developer and following up as necessary.	Mitigate	Delays in response times for project deliverables.	Escalation to manager for a
2	Lack of Sprint Management	I will make sure that the length of time of each Sprint is appropriate and aligns with the project deadline	Mitigate	Delays in meeting the deadline	
3	Backlog Management	I will make sure that all of the necessary actions and user stories are added to the backlog to ensure I can effectively manage my time to complete the project to a high standard	Avoid	Causing time to be wasted during the project	
4	JUnit	I will ensure that I get the percentage of completed testing to at least 80% to avoid runtime errors	Enhance	Runtime Errors	
5	ERD Modelling	I am responsible for ensuring that the cardinality between ables is modelled correctly so when I come to creating the	Avoid	Wrong Cardinality	

Design



Introduction

Design

BACKLOG 3

As a developer I want to be able to delete an order in the system so that I can remove an order if it gets cancelled.



IMS-11

As a developer I want to be able to calculate the cost of an order so that I can calculate the expenses.



IMS-13

As a developer I want to be able to delete an item in an order so that I can remove items from orders.



IMS-14

SELECTED FOR DEVELOPMENT 3

As a developer I want to be able to create an order in the system so that I can update the inventory when a new order arises.



IMS-9

As a developer I want to be able to view all orders in the system so that I can manage the inventory accordingly.



IMS-10

As a developer I want to be able to add an item to an order so that I can update orders when a customer wants an item.



IMS-12

IN PROGRESS 5

As a developer I want to be able to add an item to the system so that I can increase inventory.



IMS-5

As a developer I want to be able to view all items in the system so that I can manage the inventory.



IMS-6

As a developer I want to be able to update an item in the system so that I can manage the inventory.



IMS-7

As a developer I want to be able to delete an item in the system so that I can remove items from my inventory.



IMS-8

DONE 6

As a developer I want to add a customer to the system so that I can update the system when necessary.



IMS-1

As a developer I want to view all customers in the system so that I can see the total amount of customers.



IMS-2

As a developer I want to be able to update a customer in the system so that I can make edit information where necessary.



IMS-3

As a developer I want to be able to delete a customer in the system so that I can remove a customer.



IMS-4

What technologies have I learned this project ?

1 Git (Source Control)	2 Jira (Agile)	3 Java (Programming)
4 MySQL (Database)	5 Maven (Build Tool)	6 GCP (Cloud)
7 JUnit (Testing)	8 Mockito (Testing)	

Demo

What did you complete ? What got left behind ?

CRUD for Customer

Create and Update for Item

Risk Assessment completed

ERD and UML completed

Delete and Read for Item

CRUD for Orders left behind

Sprint Retrospective

What went well ? What could be improved ?

Harder than expected

Sprints should've been longer

Need more Java Knowledge

Risk Assessment easiest part of the project

Questions

Any Questions ?