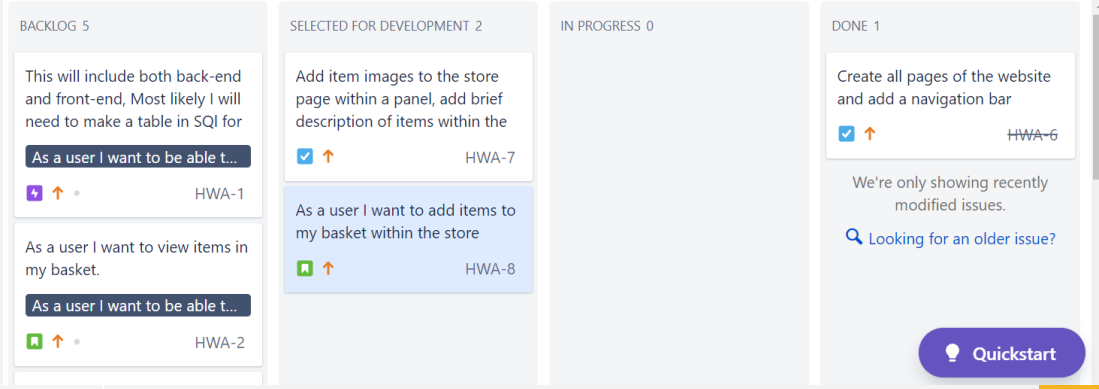
CIRCLE STORE

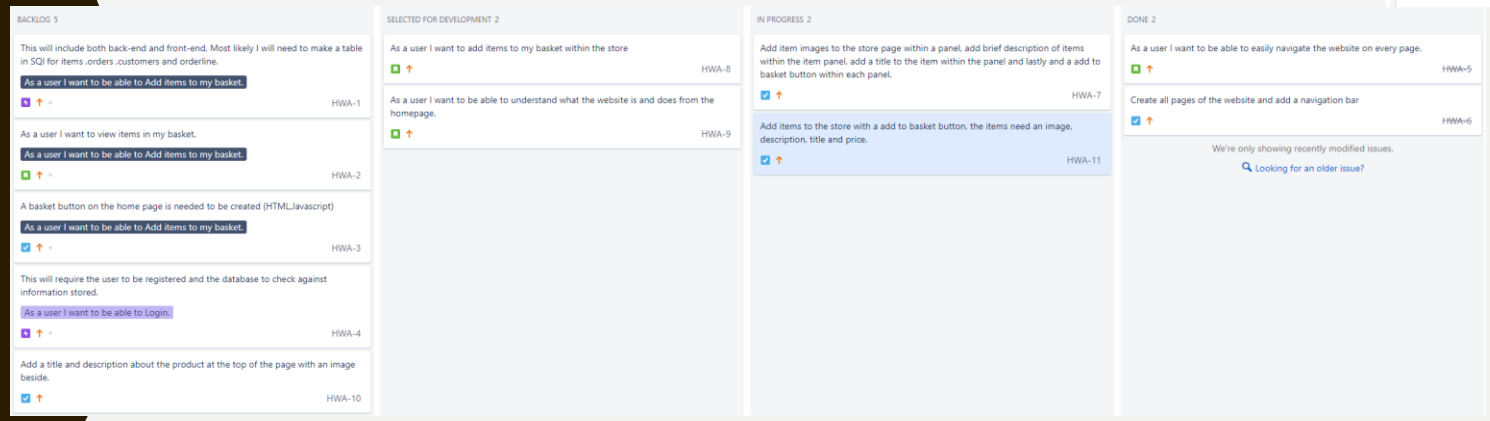
BY JAKE

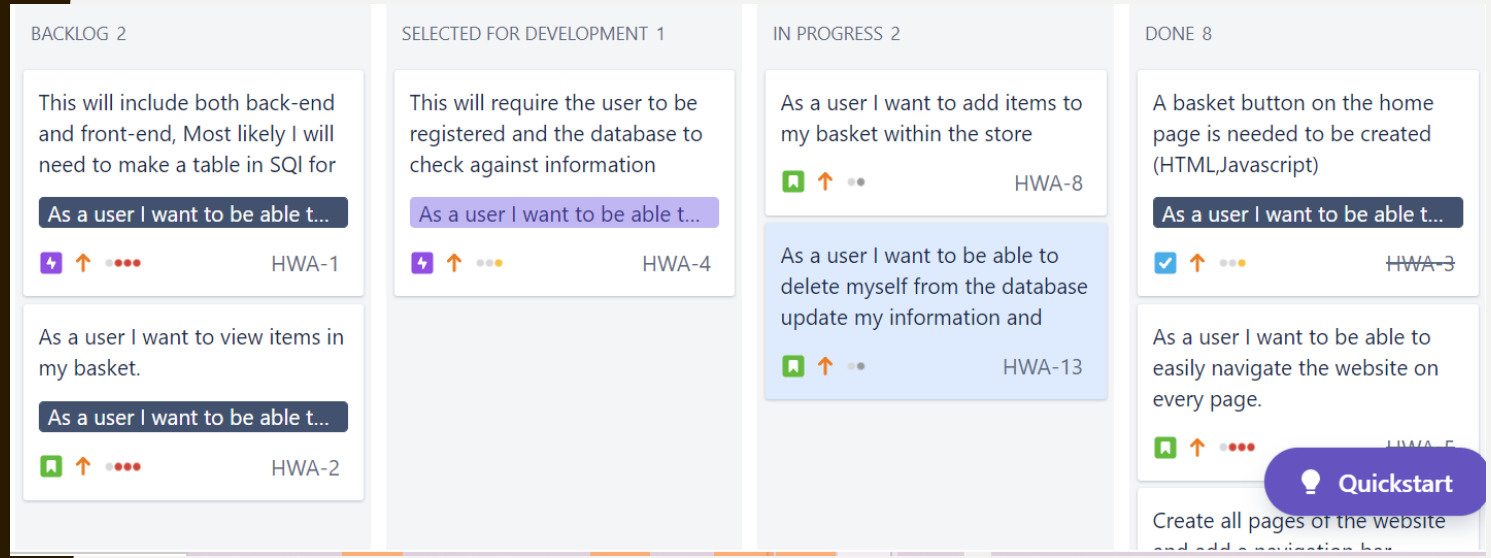
PROCESS

- Kanban board (Agile).
- Risk Assessment.
- Devops Technologies – Git

JIRA PLANNING







JAVA/SPRING

Keys:

Likelihood:

Rare	Unlikely	Possible	Likely	Certain
1	2	3	4	5

Impact:

Negligible	Minor	Moderate	Major	Extreme
1	2	3	4	5

Risk Rating:

Low	Moderate	High	Extreme
1-5	6-10	11-15	16-20
Example: Version control not being utilized correctly, miss using Main, Dev and Feature branches correctly or at all, This can increase the risk of errors be implemented into final version or the project not working. To resolve this Implement Main, Dev and feature branch using them in the correct order.	Example: Hardware Failure, this can be overcome by using github to store project and regularly committing.	Example: Insufficient Knowledge, this can affect time and quality of finish, which can be resolved by using notes, watching recorded sessions, using the internet, and asking for help.	Example: Running out of time, this can cause the project to be not completed within the timeframe or not to a high standard, this can be resolved by adaptive planning and reflection each day.

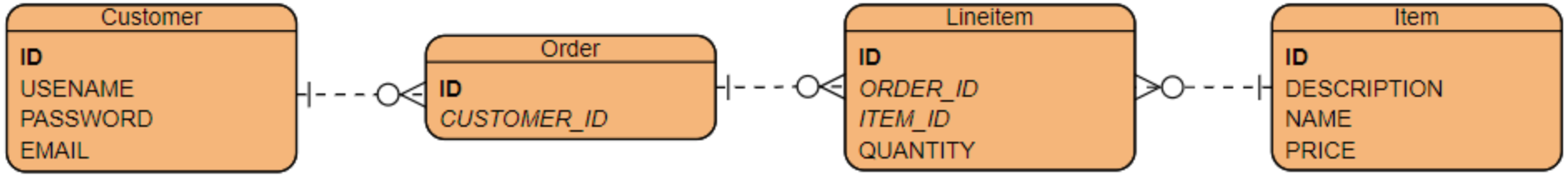
ID	Risk Description	Cause	Effect	Likelihood (1-5)	Impact (1-5)	Risk Rating (1-20)	Action
1	Running out of time.	Inappropriate use of time, likely cause by poor planning and time management.	Project is incomplete within time frame, the quality of project can also be affected.	3	5	18	Adaptive planning, reflect on plans each day, set attainable goals that include unprecedented events into time frame.
2	Insufficient knowledge .	Insufficient knowledge on task or overcoming a problem.	This can effect time and quality of finish.	4	4	15	Use notes, watch recorded sessions, use the internet, and ask for help.
3	Hardware failure.	Pc hardrive failure , loss of internet or power cut.	Loss of locally stored information.	1	3	7	Regularly back up project using git hub pushing locally store information.

Risk assessment

IMS PROJECT RISK ASSESSMENT

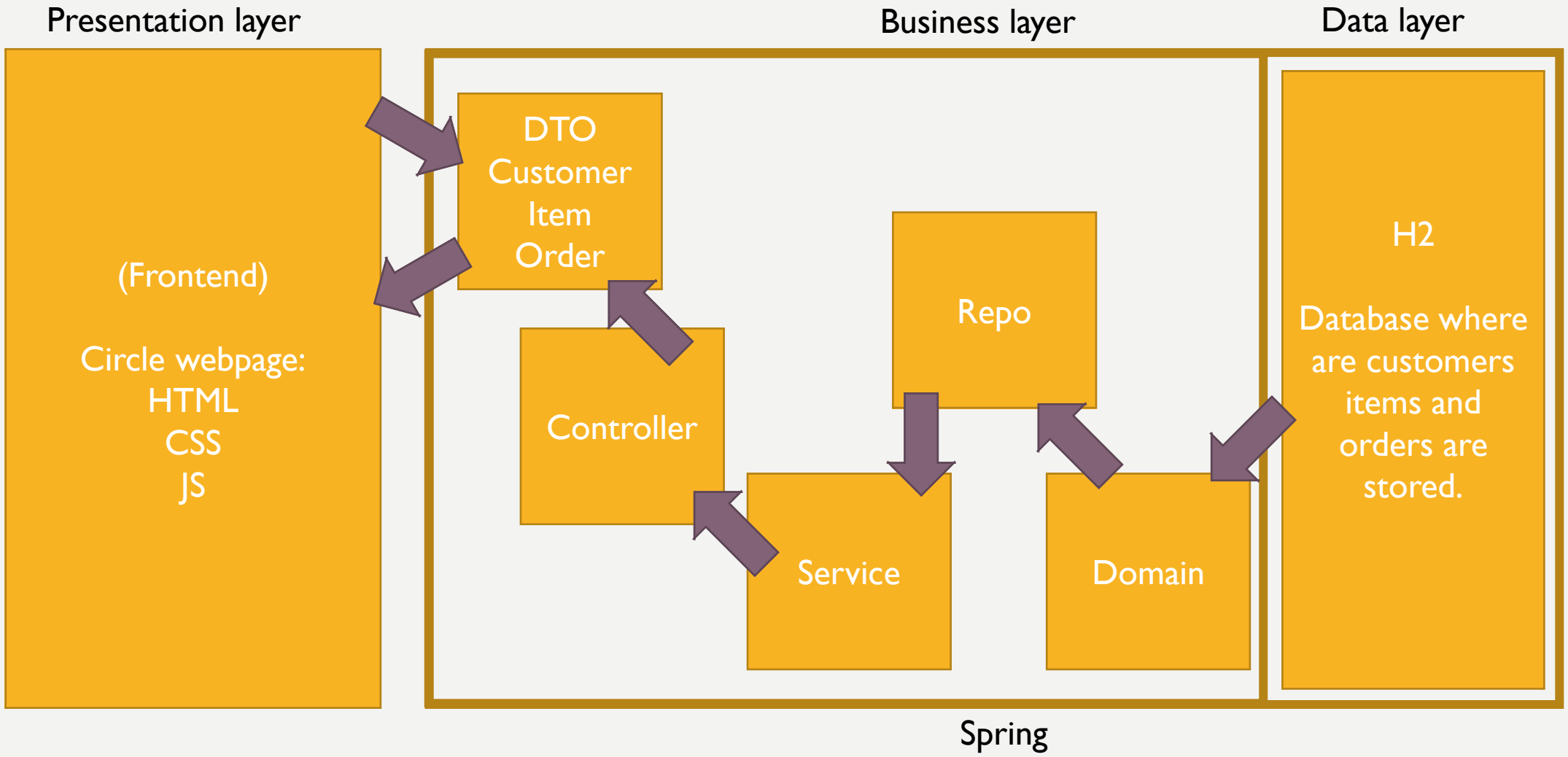
Jake Reid

4	Problems with the database.	Unable to connect to the SQL database or relationships being incorrect.	This means the project won't work, as information won't be store or accessed.	2	4	16	Consult with instructor/trainer , make sure relationships of tables are correct, ensure connection to the database is established early in the project.
5	Illness or Injury.	Environmental factors.	Tasks won't be completed.	1	4	11	Inform instructors and consider these possibilities within plan.
6	Version control not being utilized correctly.	Miss using Main, Dev and Feature branches correctly or at all.	This can increase the risk of errors be implemented into final version or the project not working.	1	2	4	Implement Main, Dev and feature branch using them in the correct order.
7	Non running application .	Not enough testing or use of resources.	Program may run errors or not run as expected.	2	5	14	Allocate time for such problems and test project with a high coverage.


Customer
ID
USENAME
PASSWORD
EMAIL
Order
ID
CUSTOMER_ID
Lineitem
ID
ORDER_ID
ITEM_ID
QUANTITY
Item
ID
DESCRIPTION
NAME
PRICE

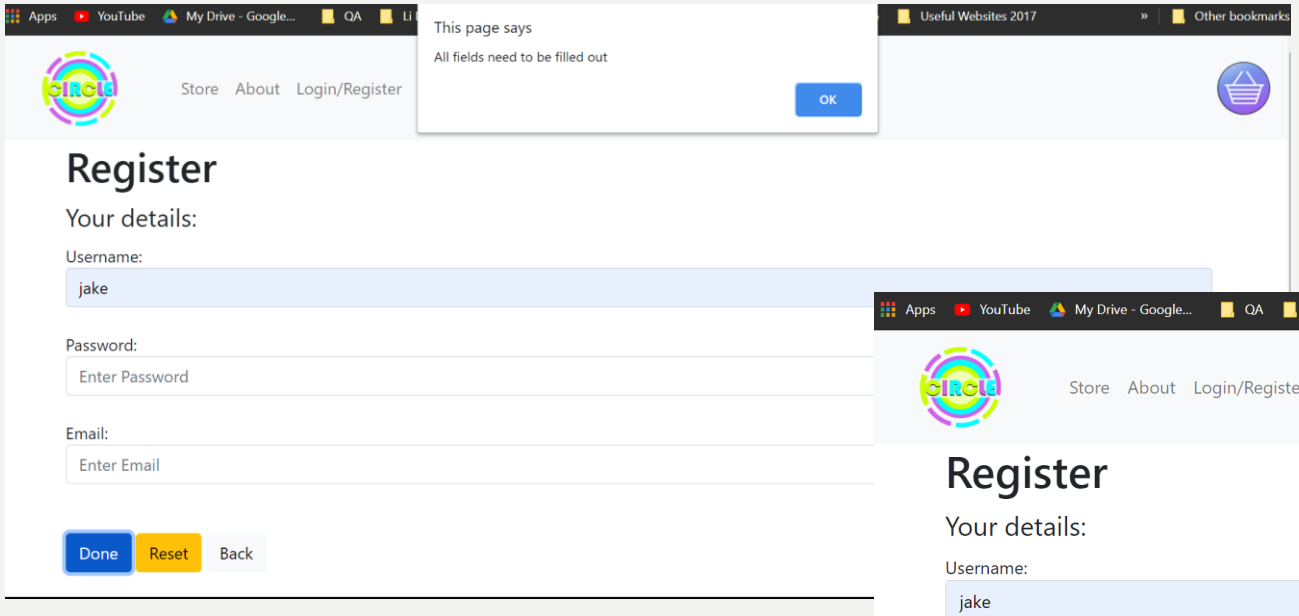
DATABASE , H2

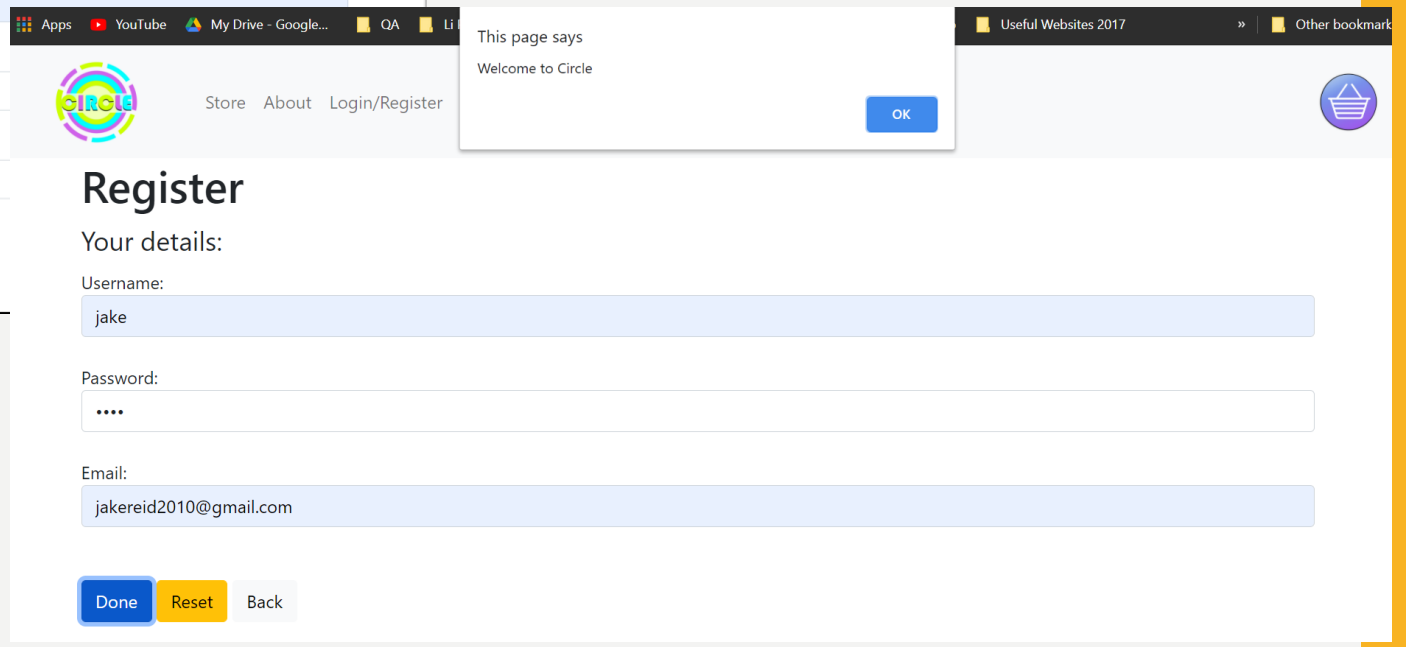
DATA MANAGEMENT AND IT'S PROCESS FROM FRONTEND TO BACKEND:



UML

HTML /JAVASCRIPT/CSS (FRONT END)





CONSULTANCY JOURNEY

- Jira
- D2
- Programming Language- Java,javascript,html,css
- Testing- Junit , Mockito,
- Build tool- Maven
- Software applications- SpringToolSuite and Visual Studio Code

DEMO

EXTRAS:

- Formatting (javascript): Registration page only accepts inputs when the from has been fully completed, using alerts to make sure user is aware what is happening.
- Expansion on tables and their relationships
- Developing a login feature

REFLECTION

- (JAVA)- I need to practice more on my controller and service.
- I spent a lot of time on getting my relationships to work, I would not undertake a project of this magnitude within a short time span at the moment.

CONCLUSION

- I would undertake the essential amount of work before expanding.