IMS Project

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Planning - Risk assessment

IMS Project - Risk Assessment

Possible risks:

- 1. Procrastination
- 2. Laptop dying during work
- 3. Laptop screen breaking during work
- 4. GitHub server crashing
- 5. Software's crashing due to overload
- 6. Health risks from too much screen exposure (eye strain or headaches)
- 7. MVP (minimum viable product) not met by project deadline
- 8. Local folders such as repositories being erased
- 9. Power cut

Risk Classification

Low	Medium	High	Major
-Acceptable -Suitable to proceed	-As low as relatively workable -Take precautionary measures	-Generally unacceptable - Seek assistance	-Completely intolerable -Put project on hold

LIKELIHOOD		SEV	ERITY	
	Acceptable -No impact on project	Tolerable -Effects noticeable but not detrimental to outcome	<u>Undesirable</u> -Significant damage could occur	Intolerable -May lead to catastrophic outcome
<u>Unlikely</u>	9		3	4
-Risk probably will not occur			8	5
<u>Possible</u>			2	7
-Risk may occur			6	
Anticipated -Risk will occur		1		

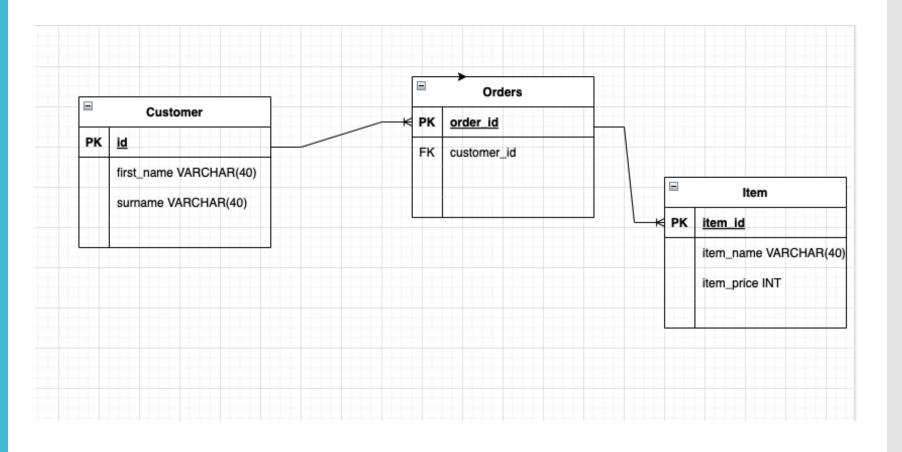
Response to each potential risk

- 1. Acknowledge the issue, see exactly which tasks need to be completed, make a list and get started on completing the list of tasks within a specified time frame to avoid further procrastination.
- 2. Immediately recover the charger and plug laptop in. Charge laptop fully then resume work where it was left off. Attempt to recover any work that was lost.
- 3. Take laptop to be repaired immediately or find replacement.
- 4. Wait for issues to be rectified. Very likely that access will be reinstituted relatively
- 5. Wait a little while before opening up the software again. Once it loads back up continue with work. Attempt to recover anything that was lost due to the crash.
- 6. Take a break from computer and replenish body with food and drink. Minimise any screentime / exposure for at least half hour before continuing with work.
- 7. Ask for an extension on deadline and attempt to deliver a higher standard and or completed product.
- 8. Attempt to recover files, try locate files from GitHub.
- 9. Find another location to continue with work.

Precautionary measures to avoid risk

- 1. Establish specific work times and rest times to avoid burnout. During work time rid work space from any potential distractions.
- 2. Make sure Laptop is fully charged before starting work. Also keep charger nearby so laptop completely shutting down can be avoided. Save work consistently to avoid losing progress.
- Use laptop gently to avoid breaking.
- 4. Nothing can be done to prevent GitHub servers from crashing.
- 5. Nothing can be done to prevent software crashes.
- 6. Take consistent 15-minute breaks throughout working period to prevent eye strain and headaches. Stay hydrated throughout so such issues can be prevented.
- 7. Spread different tasks into small increments. Complete each set increment before moving onto the next. Spreads workload evenly to avoid missing deadline.
- 8. Take caution when dealing with important files to ensure nothing gets deleted.
- 9. Nothing can be done to avoid power cut.

Planning -ERD



Planning -Jira

Sprir	its			
4	IP-1 Customer			
	✓ IP-4 As a user I need to be	DONE		
	☑ IP-5 As a user, I need to be	DONE		
	✓ IP-6 As a user, I need to be	DONE		
	✓ IP-7 As a user, I need to be	DONE		
4	IP-3 Items			
	☑ IP-16 As a user, i want to cr	DONE		
	☑ IP-17 As a user, i want to vi	DONE		
	☑ IP-18 As a user, i want to u	DONE		
	✓ IP-19 As a user, i want to d	DONE		
4	IP-2 Orders			
	✓ IP-20 As a user, I want to cr	DONE		
	✓ IP-21 As a user, I want to vi	DONE		
	✓ IP-22 As a user, I want to u	DONE		
	✓ IP-23 As a user, I want to d	DONE		

Development

Conditionals ⊯ Garage HelloWorldExample IMS-Project [IMS-Project feature1] →

☐ com.qa.ims > Ja IMS.java > 📝 package-info.java > 📝 Runner.java →

→ com.qa.ims.controller > // Action.java > If CrudController.java > L CustomerController.java ItemController.java > 🎝 OrderController.java > 🗓 package-info.java →

☐ com.qa.ims.exceptions > I CustomerNotFoundException.java →

☐ com.qa.ims.persistence > 1/2 package-info.java ✓

Æ com.qa.ims.persistence.dao > // CustomerDAO.java > 🌃 Dao.java > 🋂 ItemDAO.java > OrderDAO.java > 📝 package-info.java > # com.qa.ims.persistence.domain > # com.qa.ims.utils > # src/main/resources > 👺 src/test/java > # src/test/resources > A JRE System Library [JavaSE-1.8] > Maven Dependencies > 🚠 src 📂 target errors.log LICENSE.md pom.xml README.md ₩ JavaExperiment JUNITtest **Operators** Project1

Testing

