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

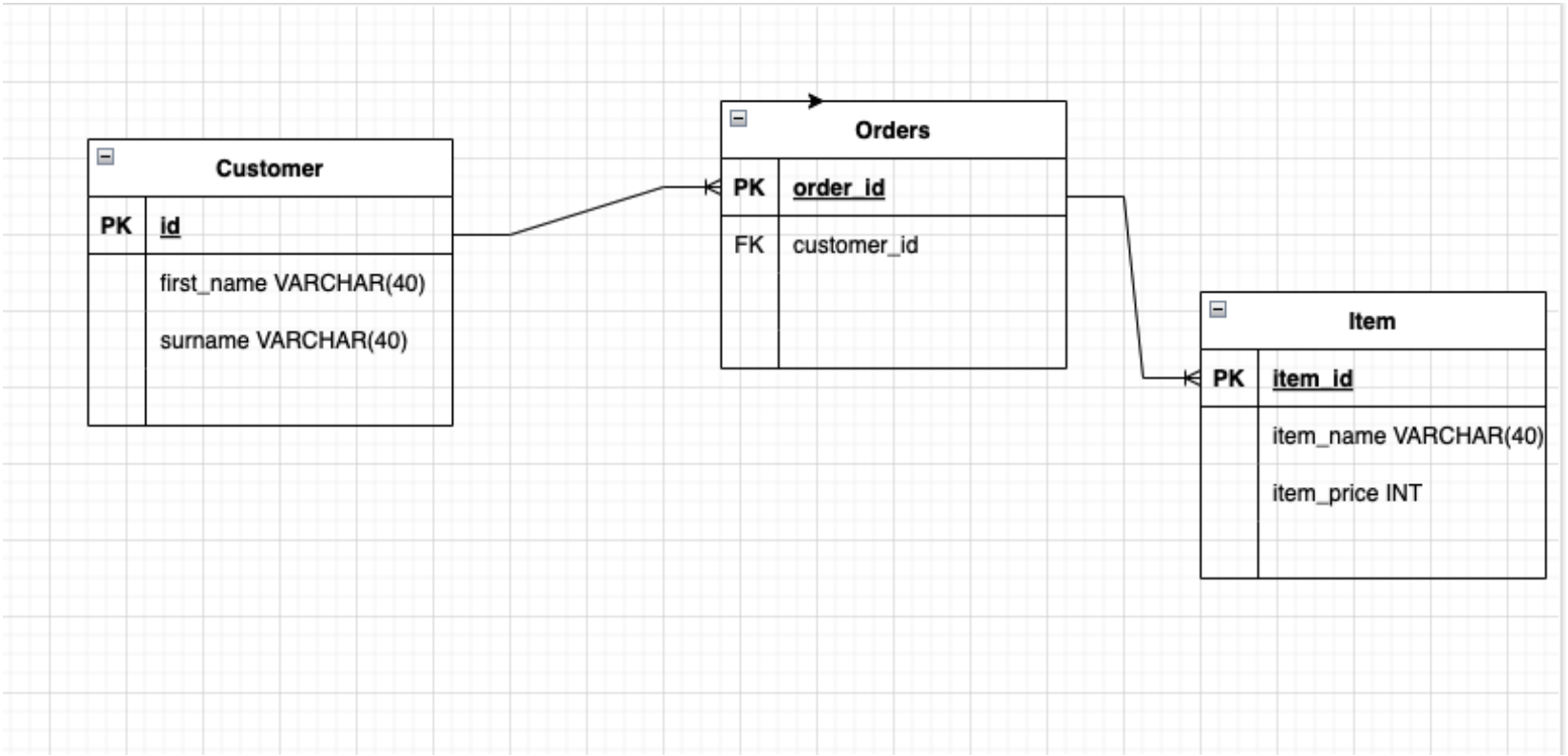
Response to each potential risk

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 fast.
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.

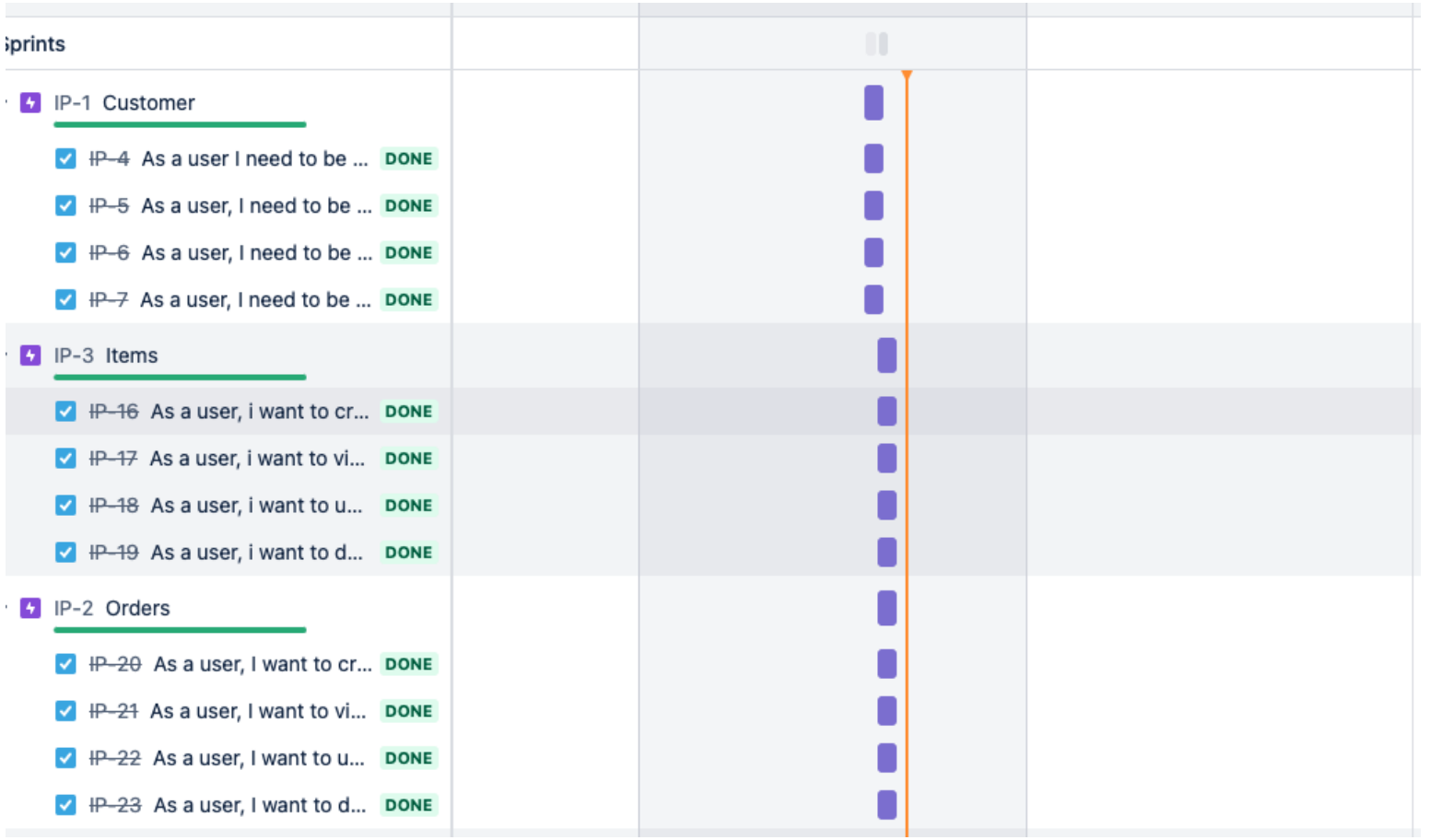
Precautionary measures to avoid risk

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.
3. 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.

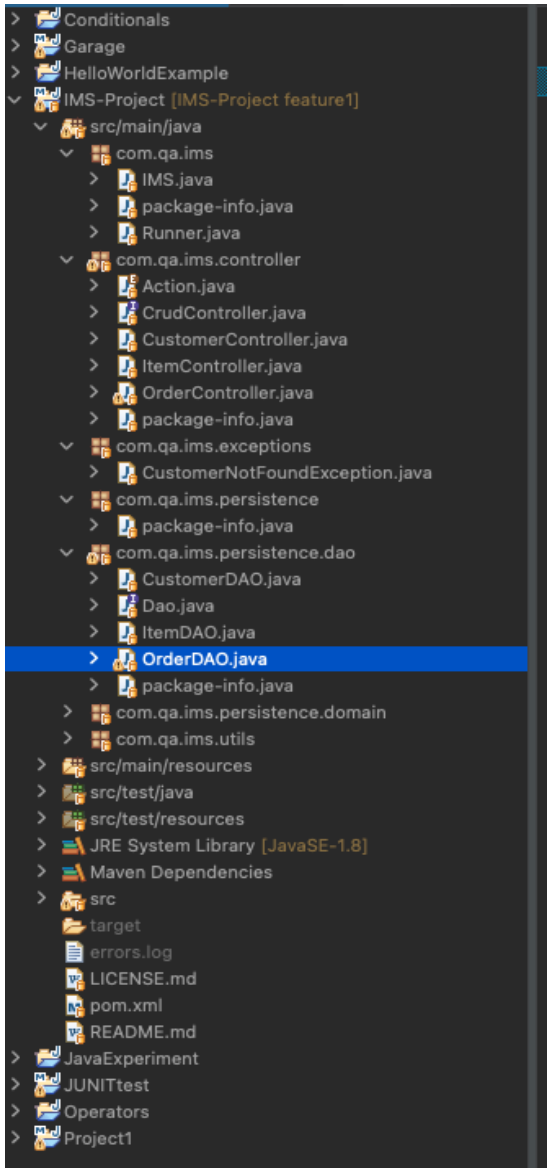
Planning -ERD



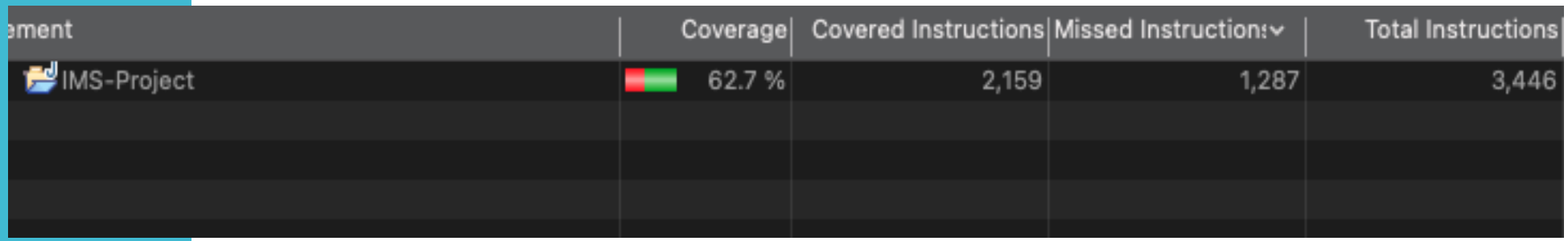
Planning -Jira



Development



Testing



ement	Coverage	Covered Instructions	Missed Instructions	Total Instructions
IMS-Project	62.7 %	2,159	1,287	3,446