

HWA Project Risk Assessment

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Key

Likelihood

Rare	Unlikely	Possible	Likely	Certain
1	2	3	4	5

Impact

Negligible	Minor	Moderate	Major	Extreme
1	2	3	4	5

Rating

Low	Moderate	High	Extreme
1-6	7-13	14-18	19-25

RISK ASSESSMENT BEFORE PROJECT

ID	Risk Description	Cause	Effect	Likelihood (1-5)	Impact (1-5)	Risk Rating (1-25)	Action
1	Lack of Time	Bad time management	Incomplete Project	3	4	20	Split project into small parts Regularly check progress
2	Insufficient knowledge on technology	Technology not covered during training	Requirements not being met due to features not being implemented	2	5	12	Ask trainer for help. Research online
3	PC Issues	Internet Issues, Hardware fails	Unable to work on project.	2	5	5	Regular backup on Git, Ask QA for a laptop to work your project on.
4	Response in Fetch requests returning 400/404 or 500 errors	Using the wrong variables or incorrect implementation	Project not working	2	5	6	Make sure variable names are consistent and clear. Check to see if it is using the right method to fetch.
5	Version Control not utilized correctly	Incorrect use of Git, no branches for features/testing or lack of pushing	No backups, cannot rollback when an error occurs	2	2	3	Always work on a new branch when implementing a new feature, regular push after each feature/functionality
6	Program not running properly	Not enough testing	Not meeting requirements, program not working as intended	3	5	12	At least 80% coverage in the testing phase.

RISK ASSESSMENT AFTER PROJECT

ID	Risk Description	Cause	Effect	Likelihood (1-5)	Impact (1-5)	Risk Rating (1-25)	Action
1	Lack of Time	Bad time management	Incomplete Project	5	5	22	Split project into small parts Regularly check progress
2	Insufficient knowledge on technology	Technology not covered during training	Requirements not being met due to features not being implemented	3	5	16	Ask trainer for help. Research online
3	PC Issues	Internet Issues, Hardware fails	Unable to work on project.	2	5	5	Regular backup on Git, Ask QA for a laptop to work your project on.
4	Response in Fetch requests returning 400/404 or 500 errors	Using the wrong variables or incorrect implementation	Project not working	4	5	18	Make sure variable names are consistent and clear. Check to see if it is using the right method to fetch.
5	Version Control not utilized correctly	Incorrect use of Git, no branches for features/testing or lack of pushing	No backups, cannot rollback when an error occurs	3	2	7	Always work on a new branch when implementing a new feature, regular push after each feature/functionality
6	Program not running properly	Not enough testing	Not meeting requirements, program not working as intended	3	5	12	At least 80% coverage in the testing phase.