

Project Name	DFESW12 Final Project Risk Assessment						
Project Description	To create a Spring Boot API, with utilisation of supporting tools, methodologies, and technologies, that encapsulates all fundamental and practical modules covered during training.						
Project Owner	Ben Attwell						
Risk ID	Risk Topic	Risk Description	Probability*	Magnitude/Impact*	Project Impact	Proximity / Length of Impact	Mitigation Strategy
1	Design flaws	Errors in codebase due to lack of an understanding of topics	3	4	Project may not be completed to specifications	Whole project	Recap all material beforehand to ensure you have a good understanding of the topics being assessed
2	Testing failures	Low coverage of testing for the code developed	3	3	Testing will not have sufficient coverage	Medium-term, towards end of project when testing	Try to get testing to minimum coverage of 60%. Recap testing topics
3	Hardware unavailability	Laptop stops working	1	4	There will be large delays on the project and it might not get finished in time	Short-to-medium term	Ensure you have options available in case laptop stops working, e.g. partner's laptop
4	Time management	Using time inefficiently in relation to project work	1	3	May cause quality of project to suffer or maybe not even finish it	Medium term	Ensure you have a plan in place, e.g. Jira. Incorporate time slots throughout the day for specific activities
5	Version Control	Not being able to appropriately manage git and GitHub integration	2	3	May cause errors in merging between branches and result in a compromised final project in the main branch	Short term	Refresh on version control management with git and GitHub. Practice with a demo project to ensure you have the FBM in place
6	Access to online platforms	Low quality or no internet connection prevents access to sites such as GitHub, QA Community etc.	2	4	Potentially could cause long delays with project and prevent finishing on time	Short term	Have an alternative work location in mind in case you have internet issues
* 1 lowest (least likely / least impactful), 5 highest (most likely / most impactful)							