

## **Risk Assessment2**

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**Revised Risk Register**

ID	Type	Description	Likelihood	Severity	Mitigation	Owner
R1	Project	Members become unexpectedly busy to work on the project during the easter vacation or certain period of time	Moderate	Moderate	Distribute at least some of that member's responsibilities among other members for that period	All
R2	Project	Member is not suited to a role or task	Moderate	High	Reassign roles or tasks to different members	All
R3	Project	Member gets covid/falls ill	Moderate	High	Take Covid tests regularly so it's not spread to the rest of the team and distribute that member's responsibilities among other members	All
R4	Project	Unrealistic scheduling and inadequate task delegation leading to missing deadlines	High	Low	Make sure we understand our capabilities. Implement Gantt charts to keep up.	All
R5	Technology	Codes aren't saved and files get lost	Low	Moderate	Have multiple copies of files stored in multiple repositories and regularly save codes	All
R6	Technology	Customer's technical environment isn't compatible with the product, resulting in customer dissatisfaction	Moderate	Low	Acquire prior knowledge in customer's IT settings and make sure the product can be run smoothly	Connor, MO, Sam

R7	Technology	Member's internet connection at home becomes unreliable or is lost entirely for a period	Moderate	Moderate	Have all meetings in person and the member goes to the university or uses a hotspot whenever they need internet connection	All
R8	Technology	Member's computer has a fault and can't be used until it's fixed	Low	Moderate	Member uses a laptop or phone if possible and otherwise uses a pc at the university	All
R9	Technology	Google Drive and Facebook Messenger have problems, making it unable to check our progress	Low	Moderate	Prepare an emergency solution that can be always available, such as contacting via university email and phone number	All
R10	Product	Customer is dissatisfied with the end product for unforeseen reasons	Moderate	High	Arrange a meeting with the customer and ask for feedback. Implement amendments as soon as possible.	Sooyeon
R11	Product	Users of the product reports errors that were not discovered upon development	High	High	Aside from test codes, try the final product from a user's perspective. Gain insights in user experience.	David, Emily, MO
R12	Product	The player may come across a missed bug in the game that prevents the player from continuing to play	Low	High	Game will allow the player to restart the game	All

### Summary of Changes

- New risk type, *Technology*, has been introduced. Technology type risks are related to either the software or hardware side of software engineering.
- Owners of risks have been reassigned according to delegated tasks for each member of the team.
- Risk likelihood and severity columns have been reassessed, and are colour-coded to visually aid understanding.
- Duplicate risks are combined into one risk item. What used to be previously R11 and R12 is now represented as R5.
- Irrelevant risks are removed or redefined. For example, we use Facebook instead of discord so suitable changes have been made.