

ID	Type	Description	Severity	Likelihood	Mitigation	Owner
R1	Project	Misinterpretation of customer's product brief or requests leads to missing or incorrectly implemented features.	M	H	Constantly keep focus on requirements during development. Request clarification from customers when needed.	Max
R2	Product	Bugs in the game code prevent it from working	H	H	Test code regularly, enforce code review before merges.	Matt
R3	Product	The game might not run or could be slow on low performance laptops.	M	M	Minimize the resources needed to run it. Test the game in advance on low performance laptops.	All
R4	Project	Loss of project data due to accidentally overwriting code, failing to save files correctly, etc.	L	H	Proper version control through GitHub for the codebase and Google Drive for project-related files	William
R5	Project	The task may take longer than expected, and could result in the project schedule.	L	M	Continuously communicate with group members to set realistic goals and evaluate progress periodically for feedback.	Enkhtuguldur
R6	Technology	Any 3rd party libraries may not be compatible with the rest of our code	M	M	Test 3rd party libraries before we use them and be aware of potential alternatives	All
R7	Project	Group members struggle to understand code	L	M	Document code development and what the code does	All
R8	Group	A group member becomes unable to continue the project	L	L	Make sure key tasks are not dependant on one person	Kyle
R9	Project	Delay in project decisions	M	H	To avoid delays in project decisions, prepare alternative solutions and keep communicating with teammates to make decisions quickly.	All
R10	Project	Trying to add too many features than planned, which can affect the schedule, resources, and quality	M	H	Keep the focus on the most important features, don't overload too many low-priority ones and check the project plan often.	Bailey
R11	Product	Issues with the screen or a UI element can cause discomfort for the user.	M	M	Test UI elements on as many devices as possible, and improve them based on feedback	Max
R12	Group	Lack of experience and skills could lead to low quality function or frequent errors.	M	H	All group members gather information about code or other research, share it together, and fill each other's knowledge gaps to improve in a better way.	All
R13	Group	Unclear assigned tasks could lead to confusion or conflicts among group members.	M	M	Try to make an appointment for a group meeting to enhance communication among the group, clarify task assignments, and share the progress of assigned tasks to ensure accountability and contribution.	Kyle
R14	Business	Licensing issues of project resources may cause legal problems and limit features.	M	H	Make sure all team members are aware of licensing rules and have backup resources in case of possible licensing issues.	Wlliam
R23	Product	Ethical issues in user evaluation	H	L	Follow proper consent form and safeguarding of participant data to avoid ethical issues	Enkhtuguldur
R16	Product	Inconsistent Art Style	M	M	Follow chosen one art style consistently.	Ronnie
R17	Product	Accessibility limitation not counted	M	L	Accessibility menu for adjustments	Ronnie
R18	Group	Make the link public, resulting in loss of project data	H	L	Keep repositories private	Matt
R19	Project	The deliverables's format and page number not meeting resulting in 0 mark	M	L	Follow a strict submission checklist	All

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R20	Project	Difficulty integrating previous team deliverables, codes, and website	M	M	Carefully planning and integrating if help is needed contact the previous team or lecturer.	All
R21	Product	Unbalanced game difficulty (too easy or too difficult)	M	M	Refine balance through tuning, testing, and feedback.	Bailey
R22	Project	Incomplete or inefficient coverage of aspects during testing	M	M	Proper test planning and coverage tracking needs to be applied to ensure all requirements are fully tested.	All