ID	Type	Description	Likelihood	Severity	Mitigation	Owner
R1	Project	Someone becomes unavailable	M	M	Ensure we have at least 2 people for each section.	All of us
R2	Product	Implementation doesn't meet the requirements of the stakeholder	M	M	Trace the system requirements directly from the user requirements, which are sourced from the stakeholder	Immanuel, Oscar, Andrew
R3	Project	A delay in a task can cause delays in dependent tasks.	M	M	Appropriately estimate the complexity of each section, and provide realistic deadlines	Scarlet, Madeleine
R4	Project	Class diagrams and object diagrams are not finished on time according to our timeline. The implementation may not be finished on time	L	H	Ensure deadlines are met. Add extra time on our timeline as a margin	Scarlet, Andrew ,Madeleine
R5	Product and Project	The implementation is not well documented.	L	H	Agree upon documentation style that all coders must follow. Before pushing any code to Git it must be documented.	Immanuel, Oscar, Andrew
R6	Product and Project	Different code uploaded by programmers don't work together.	M	H	Weekly code review.	Immanuel, Oscar, Andrew
R7	Project	Different programmers working on the same requirement.	L	L	Create a schedule for the implementation. Assign different requirements to different programmers. Communication available between programmers.	Immanuel, Oscar, Andrew
R8	Project	One of the programmers is unavailable	L	M	Involve the other two programmers. Split up the work between them.	Immanuel, Oscar, Andrew
R9	Project	There is less communication within the group, when working remotely	M	L	Hold regular voice calls and have text/voice channels for each section of the project.	All of us
R10	Project	Inaccurate project management	L	M	Assess progress with	Scarlet,

		results in us not knowing if we are behind schedule.			weekly gantt charts.	Madeleine
R11	Technology	The requirements can't be met with the chosen framework	L	M	Check thoroughly before implementation, and have a backup option just in case.	Immanuel, Oscar, Andrew
R12	Requirements	Requirements are poorly defined which may lead to scope creep	L	H	Systematically capture all requirements through the use of interviews, group discussions, use cases and prototypes.	Josh, Oscar
R13	Risk Management	Poor risk management results in unidentified risks which could jeopardise the project.	L	M	Review risks weekly	Josh, Immanuel
R14	Product	Code has bugs and logical errors	M	M	Test frequently, follow coding best practices and peer review code.	Immanuel, Oscar, Andrew
R15	Product	Implementation of components that aren't as important, can extend the schedule and result in delays	L	L	Organise tasks by importance	Immanuel, Oscar, Andrew
R16	Requirements	If a user requirement changes or is no longer needed, identifying every change that need to be made in the implementation can be difficult and may extend the schedule	M	L	Implement using the system requirements, and organise the requirements by the corresponding user requirements.	Josh, Oscar
R17	Project	Failure in identifying complex components of the project and allocating time appropriately.	L	M	Create a project breakdown and a gantt chart to aid in appropriate time allocation.	Madeleine, Scarlet
R18	Project	People's assignments don't match their strengths	M	M	Conduct the project breakdown as a group and let each member choose the tasks they want to do.	Madeleine, Scarlet
R19	Project	Low productivity either individually or as a group.	L	L	Effective project management using weekly gantt charts and effectively communicating any adjustments that need to be made.	All