

## Risk Matrix For QA Cinema - Team 2

		<u>Impact</u>		
		1	2	3
<u>Likelihood</u>	1	Low	Low	Medium
	2	Low	Medium	High
	3	Medium	High	High

## Risk Assessment For QA Cinema - Team 2

ID	Risk Description	Likelihood Of Risk Occurring	Impact If The Risk Occurs	Severity (Based on impact and likelihood)	Owner (person who manages the risk)	Mitigating Action
1	Code Issues; <ul style="list-style-type: none"> <li>Poorly written code.</li> <li>Difficult to read code.</li> <li>Program not running.</li> <li>Only some functions work.</li> </ul>	2	3	High	Dev Team	<p>Code Issues may occur in this project, however, we have plans to help irradiate any issues. This involves, testing the code to see if there are any issues and also peer programing, to allow for any potential coding issues to be seen by another team member. We are also using Git branches, to help alleviate any conflicts within code at an early stage.</p> <p>Poor quality code can have an impact on software development. This can be mitigated by the following few steps;</p> <ul style="list-style-type: none"> <li>Testing the code frequently.</li> <li>Using coding best practices.</li> <li>Resolving bugs and logical errors when they're found.</li> <li>Ensuring Git-Hub is used to upload data on a branch.</li> </ul>
2	Scope Creep; <ul style="list-style-type: none"> <li>Unrealistic expectations.</li> <li>Complete change of project goals and outcomes.</li> </ul>	1	2	Low	Stake Holder	<p>In the case of this project, there will be no Scope Creep as it has been defined and will be unchanged till presented.</p> <p>Project scope changing can cause major risks in software development, it refers to a project scope completely morphing into something different. It can delay projects and cause you to miss deadlines and or extend timeframes.</p>
3	Low productivity; <ul style="list-style-type: none"> <li>Lack of understanding of project scope.</li> <li>Lack of experience in writing code.</li> <li>Reasonable timeframes for the project.</li> </ul>	2	3	High	Dev Team	<p>In our case, I don't think this will be an issue within our project as our Jira board is detailed and defined. Our user stories and all of the child tasks have been done.</p> <p>We have two sprints for each week and this will ensure that the project runs smoothly, we have all agreed that this is a reasonable time frame.</p> <p>We may face some issues, as we are not all extremely experienced when it comes to writing code. Especially since it will be our first time using React and Mongo.</p> <p>It can also be an issue for major companies, sometimes teams may struggle due to delays/employee burnout. This can be mitigated by;</p> <ul style="list-style-type: none"> <li>Finding a great motivational leader that can keep</li> </ul>

						<p>everyone motivated and manage the team.</p> <ul style="list-style-type: none"> <li>Ensuring the team communicates effectively about project details and problems.</li> <li>Ensure a good paced plan is made to lower stress amongst the team.</li> </ul>
4	<p>Stakeholder Issues;</p> <ul style="list-style-type: none"> <li>Lack of clarity for expectations.</li> <li>Lack of communication.</li> </ul>	2	2	Medium	Stake Holder	<p>In this project, just like scope creep, it's not something to worry about as our outcomes required have been predefined by stakeholders.</p> <p>However, optional additional tasks may be added at a later date.</p> <p>However, in the workplace, issues can arrive with stakeholders, it's a huge risk as low engagement from them can lead to inaccurate expectations. To mitigate these issues we can;</p> <ul style="list-style-type: none"> <li>Communicate with shareholders more often and effectively.</li> <li>Involve stakeholders in team meetings.</li> </ul>
5	<p>Aggressive Deadlines;</p> <ul style="list-style-type: none"> <li>Undeliverable deadlines.</li> <li>Issues keeping up with demands.</li> </ul>	2	3	High	Stake Holder	<p>In this project again this won't be an issue as it's a deadline that is fixed and will not change.</p> <p>However, in the workplace these deadlines can be mitigated by;</p> <ul style="list-style-type: none"> <li>Using a Kanban Board and sticking to it.</li> <li>Ensuring that communication is up to date with stakeholders and other dev teams.</li> <li>Keeping up to date with project timelines.</li> </ul>
6	<p>Acts of God;</p> <ul style="list-style-type: none"> <li>Extreme weather events.</li> <li>Death.</li> <li>Natural disasters.</li> </ul>	1	3	Medium	Stake Holder	<p>This is very unlikely to affect this project. However, there is always an underlying chance of an event occurring. There is no mitigating circumstances for this particular risk as they are unpredictable.</p>