Risk Assessment Matrix

smartsheet

Risk Assessment MERN Stack

Risk ID	Flag	Risk	Assigned To	Description	Severity	Likelihood	Calculation	Action	Notes
1		KEY							
2		RISK SEVERITY		RISK LIKELIHOOD					
3		Acceptable (Little to no effect on event)		Improbable (Risk is unlikely to occur)					
4		Tolerable (Effects are felt, but not critical to outcome)		Possible (Risk will likely occur)					
5		Undesirable (Serious impact to the course of action and outcome)		Probable (Risk will occur)					
6		Intolerable (Could result in disaster)		*View Risk Assessment Matrix JPEG attached in Row 1 for scale.*					
7									
8		DEPARTMENT 1	Department Head Name						
9		Project A	Developer						
10		Project Event 1							
11	FLAG	IDENTIFIED RISK		BRIEF DESCRIPTION	RISK SEVERITY	RISK LIKELIHOOD	RISK RATING CALCULATION (this section will auto-populate results)	ACTION (this section will auto-populate results)	MITIGATIONS / WARNINGS / REMEDIES / NOTES
12 RISK-1191		Payment Security - Lost or Stolen?	Developer Implementation/Third party API	Risk of losing payment details	Intolerable	Probable	Extreme	PUT EVENT ON HOLD	Use Paypal or other secure online payment method
13 RISK-1192		Duplicate bookings	Developer	Customers could book same seat if theres a delay between server and client side	Undesirable	Possible	High	SEEK SUPPORT	Insert time period for a unique id to be created
14 RISK-1193		Real life issues - illnesses, hardware issues	N/A	Areas of project may be left behind	Undesirable	Possible	High	SEEK SUPPORT	Assign tasks to others or decide on a priority and complete in order
15 RISK-1194		End of the World	N/A	--	Intolerable	Improbable	High	SEEK SUPPORT	Unlikely to happen
16 RISK-1195		Merge conflicts	Developer	Working in a group there could potentially be issues with merging code, resulting in a loss or duplication	Undesirable	Possible	High	SEEK SUPPORT	Handle merge to dev and main correctly in order to reduce risks
17 RISK-1196		Incomplete project	Developer	Project could not hit MVP	Undesirable	Improbable	Medium	TAKE MITIGATION EFFORTS	Plan well and ensure all features are covered
18 RISK-1197		Pushing incomplete code or a non-functional features	Developer	Could break program	Undesirable	Possible	High	SEEK SUPPORT	Review code before merging
19 RISK-1198		Version mismatches and compile issues	Developer	Group members could have different versions of software	Tolerable	Possible	Medium	TAKE MITIGATION EFFORTS	Discuss which versions of software we are using
20 RISK-1199		Failing testing - Mocha/Chai	Developer	Test methods could not actually test code or not match expected outputs	Undesirable	Improbable	Medium	TAKE MITIGATION EFFORTS	Test driven development
21 RISK-1200		Syntax errors	Developer	Missing syntax could cause issues within our program	Acceptable	Probable	Medium	TAKE MITIGATION EFFORTS	Proof read code and ensure you're peer programming in order to reduce risks
22 RISK-1201		Misunderstand requirement	Developer	Not correctly reading the project spec correctly could lead to missing features	Intolerable	Improbable	High	SEEK SUPPORT	Refer to the project spec throught the project in order to keep on track
23 RISK-1202		Web page doesn't load correctly	Developer	Our website could not load correctly, missing functionality	Undesirable	Possible	High	SEEK SUPPORT	Try to find known solutions using stack overflow etc to avoid time wasting
24 RISK-1203		Synergy problem	Team Megasharkrhinonado	Potentially team issue with our first group project	Tolerable	Possible	Medium	TAKE MITIGATION EFFORTS	Communicate as much as possible, talk and discuss to improve cohesion
25 RISK-1204		Lack of time spent planning	Team Megasharkrhinonado	Could lead to a lack of understanding within the team, leading to time wasting	Undesirable	Possible	High	SEEK SUPPORT	Ensure everything is covered and create a product backlog so you can individually identify tasks needed to be completed
26 RISK-1205		Stuck on planning/finding a solution to a program	Team Megasharkrhinonado	Time being wasted by trying to find a solution to an issue you have	Tolerable	Probable	High	SEEK SUPPORT	Ask for help and talk to others as they could know or help spot the issue within the code