

1. Risk Identification

Project name: IMS

Date prepared:

17/12/20

ID	Title	Statement	Category	Sub-Category	Phase	Type	Root Cause(s)
1	Lack of Developers	If developers from other teams are not available to participate in key project activities per the schedule, then there may be delays in the schedule, with associated costs in a longer project.	Organisational	Staffing sufficiency	UAT	Threat	Unanticipated developers workload; organizational calendar; communication failure between project manager and functional managers.
2	Lack of Sprint Management	If the sprints are not managed correctly there could be delays if time is not allocated appropriately.	Organisational	Management	Planning	Threat	Unanticipated failures, time management and lack of understanding of the specification
3	Backlog Management	It is imperative that the backlog has all of the relevant tasks set and identified with time estimates so that I can manage my time accordingly and plan how to complete the project effectively	Time Management	Management	Planning	Opportunity and Threat	Lack of planning
4	JUnit	If the testing is not completed to almost 80% this can create even more unexpected errors during run time and may cause the application to not run as intended	Technical	Programming	Post Live	Opportunity	Technical Issues
5	ERD Modelling	If the ERD and its relationships are not modelled accordingly, this will affect the SQL database as the orders_items table will not be able to transfer information from the orders and products table properly if the cardinality is not correct	Diagram	Planning	Planning	Opportunity	Lack of understanding on how to model an ERD Diagram
6	Github	It is paramount that I merge the commits to the main branch when the project is completed so that the code is up to date in the repository	Version Control	Post Completino	Go Live	Threat	Rushing to complete the project due to lack of time management
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14							
15							

2. Risk Assessment

Project name: IMS

Date prepared: 17/12/20

ID	Title	Probability	Impact	Score
1	Lack of Developers	3	4	12
2	Lack of Sprint Management	1	5	5
3	Backlog Management	1	4	4
4	JUnit	3	5	15
5	ERD Modelling	2	2	4
6	Github	1	4	4
7				0
8				0
9				0
10				0
11				0
12				0
13				0
14				0
15				0

3. Risk Response

Project name: IMS

Date prepared: 17/12/20

ID	Title	Response Plan	Response Category	Trigger(s)	Contingency Plan	Revised Probability	Revised Impact	Revised Score
1	Lack of Developers	Project manager is responsible for tracking each assignment to each developer and following up as necessary.	Mitigate	Delays in response times for project deliverables.	Escalation to project sponsor and/or functional manager for additional mandating.	1	4	4
2	Lack of Sprint Management	I will make sure that the length of time of each Sprint is appropriate and aligns with the project deadline	Mitigate	Delays in meeting the deadline				0
3	Backlog Management	I will make sure that all of the necessary actions and user stories are added to the backlog to ensure I can effectively manage my time to complete the project to a high standard	Avoid	Causing time to be wasted during the project				0
4	JUnit	I will ensure that I get the percentage of completed testing to at least 80% to avoid runtime errors	Enhance	Runtime Errors				0
5	ERD Modelling	I am responsible for ensuring that the cardinality between tables is modelled correctly so when I come to creating the tables there are no discrepancies	Avoid	Wrong Cardinality				0
6	Github	I am responsible for ensuring the most up to date version of my code is uploaded to github before the deadline	Share	Wrong version of code				0
7								0
8								0
9								0
10								0
11								0
12								0
13								0
14								0
15								0

4. Risk Monitor & Control

Project name: IMS

Date prepared: 17/12/20

ID	Title	Owner	Status	Date Entered	Date Last Updated	Next Revision Date	Date Closed	Tracking Comments
1	Lack of Developers	Aaron Nicely	Active (Ongoing)	12/17/2020	1/3/2021	1/4/2021	1/4/2021	Extra resources are being lined up to help regain schedule losses.
2	Lack of Sprint Management	Aaron Nicely	Retired (Complete)	12/18/2020	1/3/2021	1/4/2021	1/4/2021	
3	Backlog Management	Aaron Nicely	Retired (Complete)	12/19/2020	1/3/2021	1/4/2021	1/4/2021	
4	JUnit	Aaron Nicely	Retired (Complete)	12/20/2020	1/3/2021	1/4/2021	1/4/2021	
5	ERD Modelling	Aaron Nicely	Retired (Complete)	12/21/2020	1/3/2021	1/4/2021	1/4/2021	
6	Github	Aaron Nicely	Retired (Complete)	12/22/2020	1/3/2021	1/4/2021	1/4/2021	
7								
8								
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10								
11								
12								
13								
14								
15								

Risk Register – Consolidated

Project Name: Auto Race

Date prepared: January 6, 2021

Project Name: Journal

Date prepared: January 6, 2021

ID	Title	Statement	1. Risk Identification		Phase	Type	Root Cause(s)	2. Risk Assessment			Response Plan	Response Category	Trigger(s)	3. Risk Response			Owner	4. Risk Monitor & Control					
			Category	Sub-Category				Probability	Impact	Score				Revised Probability	Revised Impact	Revised Score		Status	Date Entered	Date Last Updated	Next Revision Date	Date Closed	Tracking Comments
1	Lack of Developer	If developers from other teams are not available to participate in the project activities per the schedule, then there may be delays in the schedule, with associated costs to a larger project.	Organizational	Scheduling/Influencing	Init	Threat	Unidentified developer workload, organizational calendar, communication failure between project manager and functional managers.	5	5	25	Project manager is responsible for tracking task assignment to each developer and following up as necessary.	Mitigate	Delays in response time for project deliverables.	Escalation to project sponsor and/or functional manager for additional resources.		Aaron Nixoly	Active (Ongoing)	10/17/2020	1/3/2021	1/4/2021	1/4/2021	Extra resources are being lined up to help regain schedule losses.	
2	Lack of Sprint Management	If the sprints are not managed correctly there could be delays if time is not allocated appropriately.	Organizational	Management	Planning	Threat	Unidentified timeline, time management and lack of understanding of the specification.	1	5	5	I will make sure that the length of time of each Sprint is appropriate and aligns with the project deadline.	Mitigate	Delays in meeting the deadline.		Aaron Nixoly	Retired (Complete)	10/16/2020	1/3/2021	1/4/2021	1/4/2021			
3	Ranking Management	It is imperative that the ranking has all of the relevant details set and identified with time reserved so that I can manage my time accordingly and plan how to complete the project effectively.	Time Management	Management	Planning	Opportunity and Threat	Lack of planning.	1	4	4	I will make sure that all of the necessary actions and user stories are added to the backlog to ensure I can effectively manage my time to complete the project to a high standard.	Avoid	Causing time to be wasted during the project.		Aaron Nixoly	Retired (Complete)	10/16/2020	1/3/2021	1/4/2021	1/4/2021			
4	Java	If the testing is not completed by atleast 80% then I can create even more user or user story.	Technical	Programming	Post-Dev	Opportunity	Technical issues.	3	5	15	I will ensure that I get the percentage of completed testing to at least 80% to avoid runtime errors.	Enhance	Runtime Errors		Aaron Nixoly	Retired (Complete)	10/30/2020	1/3/2021	1/4/2021	1/4/2021			
5	UML Modeling	Unidentified errors during run time and may cause the application to not run as intended. If the UML model is poorly designed and not modeled accordingly, this will affect the GUI, database as the entire Java application will not be able to transfer information from the tables and conditions table properly if the conditions is not correct. It is paramount that I merge the commits to the main branch when the project is completed so that the code is up to date in the repository.	Diagram	Planning	Planning	Opportunity	Lack of understanding on how to model an ERD (Diagram).	5	5	25	I am responsible for ensuring that the cardinality between tables is modeled correctly so when I come to creating the tables there are no discrepancies.	Avoid	Wrong Cardinality		Aaron Nixoly	Retired (Complete)	10/20/2020	1/3/2021	1/4/2021	1/4/2021			
6	GitHub	If I am prevented that I merge the commits to the main branch when the project is completed so that the code is up to date in the repository.	Version Control	Post-Completion	Go-Live	Threat	Refusing to complete the project due to lack of time management.	1	4	4	I am responsible for ensuring the most up to date version of my code is submitted to github before the deadline.	Show	Wrong version of code		Aaron Nixoly	Retired (Complete)	10/22/2020	1/3/2021	1/4/2021	1/4/2021			
7										5							5						
8										5							5						
9										5							5						
10										5							5						
11										5							5						
12										5							5						
13										5							5						
14										5							5						
15										5							5						

Score Matrix

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What is the likelihood the threat will happen?

Probability		Low	Med- Low	Med	Med- High	High
	5	5	10	15	20	25
	4	4	8	12	16	20
	3	3	6	9	12	15
	2	2	4	6	8	10
	1	1	2	3	4	5
		1	2	3	4	5

Impact

How serious is the threat?

What is the likelihood the opportunity will happen?

Probability		Low	Med- Low	Med	Med- High	High
	5	-5	-10	-15	-20	-25
	4	-4	-8	-12	-16	-20
	3	-3	-6	-9	-12	-15
	2	-2	-4	-6	-8	-10
	1	-1	-2	-3	-4	-5
		1	2	3	4	5

Impact

How serious is the opportunity?