		Risk Ta	ble Initial Assessment								
ID	Risk name	Type of risk	Description	Probability	Impact	Risk factor	Mitigation	Responsible	Follow-up date S	tatus date	Status
R1	Incorrect estimation of tasks	Project risk	Overestimation or underestimation, exclusion of team members from estimation process	,	3		Using Jira with Scrum for establishing Sprints, a good testing schedule has to be created inside Jira.	Aleksandar Miroslavov Minchev	02/06/2022		Initial assessment of risk
R2	Team members are unfamiliar with the technologies chosen	Project risk	The developers are inexperienced they might not be familiar with the chosen tech stack or they need more time to get familiar with it.		2	4	Tech stack choice that all developers are atleast comfortable in code writing in.	Aleksandar Miroslavov Minchev	02/06/2022	30/05/2022	Initial assessment of risk
R3	Unable to cooperate as a team	Project risk	Team members may not have worked together a lot, and diffrence in personality and project view can hurt the project.		3	3	A third person or arbiter should be brought when conflicts happen. Setting clear goals for what the project should be 9 and at what point are crucial	Aleksandar Miroslavov Minchev	02/06/2022	30/05/2022	Initial assessment of risk
R4	Illness	Project risk	Illness of the team members can slow down the project a lot as the number of team members is small.		3	4 1	Team members should be exercising a decent amount and protecting their health from catching colds or other illnesses.	Aleksandar Miroslavov Minchev	02/06/2022	30/05/2022	Initial assessment of risk
			The team wasn't able to gather requirements well enough from the customer and the user stories weren't descriptive enough, missing key features for the customer or requirements that customer				A formal review of the requirements will help with establishing key features, how those features look and what has to be done to achieve them. Speaking again	Aleksandar Miroslavov			
R5	Wrong definition of requirements	Project risk	didn't want as much or at all were prioritized.		2	5 1	with customer can also be required.	Minchev	02/06/2022	30/05/2022	Initial assessment of risk
R6	Bad documentation	Product risk	The team doesn't document well enough their code causing errors in function usage and regressions		1	4	Using a code standartizer(either a document stating standarts or a module which helps with this) can fix this, code reviews should always check for 4 documentation.	Aleksandar Miroslavov Minchev	02/06/2022	30/05/2022	Initial assessment of risk
R7	Web-ite be let of time to lead	Doe doed sink	The system design and architechture weren't				Stress performance testing will help with this issue identify this issue, choosing the correct technologies can also be of	Aleksandar Miroslavov Minchev	00/00/0000	20/05/2022	
R8	Website has a lot of time to load Security vulnerabilities not addressed	Product risk Product risk	design good, causing delays in the system usage No protections added for SQL injection, server side request forgery or cross-site scripting causing massive damage to system and product		3	5 1	8 benefit Code reviews can check if security has been addressed. Integration tests and system integration tests can check if our security has been done correctly	Aleksandar Miroslavov Minchev	02/06/2022		Initial assessment of risk Initial assessment of risk
R9	Lack of user validation	Product risk	End product doesn't get presented to users for validating their opinion on the end product		4	5 2	Doing a gorilla test can help as it is quick to do, giving adecuate time in the sprints for an acceptance test by the users of implemented features.	Aleksandar Miroslavov Minchev	02/06/2022		Initial assessment of risk
R10	Errors in calculations	Product risk	Misunderstanding in requirements causes errors or misunderstanding in how calculations have to be done for some use cases		2	4	A formal review of the requirements will help with establishing key features, how those features look and what has to be done to achieve them. Speaking again 8 with customer can also be required.	Aleksandar Miroslavov Minchev	02/06/2022	30/05/2022	Initial assessment of risk
R11	Key feature not implemented	Product risk	Failure to addhere to testing and coding schedule and lack of knowledge of team members are the causes to failing to implement the feature on time.		3	5	Good tech stack choice, well thought-out sprint schedule with enough time for all types of testing. Good prioritization of tasks has to be done.	Aleksandar Miroslavov Minchev	02/06/2022	30/05/2022	Initial assessment of risk
R12	Leaving a defect in production	Product risk	Unit tests and integration tests design were not done correctly missing or misunderstanding what had to be done.		1	5	Formal review of requirements, code reviews at the end of sprints to check. Acceptance testing before sprint end can help identify issues before release into 5 production.	Aleksandar Miroslavov Minchev	02/06/2022	30/05/2022	Initial assessment of risk
			Team members weren't able to keep up with the				Scrum schedule created. Change schedule if it looks like key features are being delayed and deadline is closing in.	Aleksandar Miroslavov			
R13	Missing deadline	Project risk	schedule.		2	5 1	Overtime work can also help.	Minchev	02/06/2022	30/05/2022	Initial assessment of risk

1: Not significant 2: Minor 3: Moderate 4: Major	Probability 1: Rare 2: Unlikely 3: Possible 4: Likely 5: Almost Certain						
Probability		Risks					
Almost Certain							
Likely					R9		
Possible			R3	R4	R1,R8,R11		
Unlikely				R2,R7,R10	R5,,R13		
Rare				R6	R12		
Impact	Not significant	Minor	Moderate	Major	Severe		

		Risk Tab	ole Mid project assessm	ent							
ID	Risk name	Type of risk	Description	Probability	Impact	Risk factor	Mitigation	Responsible	Follow-up date	Status date	Status
R1	Incorrect estimation of tasks	Project risk	Overestimation or underestimation, exclusion of team members from estimation process		2	5	Using Jira with Scrum for establishing Sprints, a good testing schedule has to be created inside Jira.	Aleksandar Miroslavov Minchev	05/06/2022	2 02/06/2022	Jira dashboard created and task were defined and assigned to each team member. Equal split team members, with considerable diffrence in difficulty
R2	Team members are unfamiliar with the technologies chosen	Project risk	The developers are inexperienced they might not be familiar with the chosen tech stack or they need more time to get familiar with it.		1	4	Tech stack choice that all developers are atleast comfortable in code writing in.	Aleksandar Miroslavov Minchev	05/06/2022	02/06/2022	All team members use/know a decent amount of Javascript, so Javascript based tech chosen (NodeJs, React,MySQL)
R3	Unable to cooperate as a team	Project risk	Team members may not have worked together a lot, and diffrence in personality and project view can hurt the project.		2	3	A third person or arbiter should be brought when conflicts happen. Setting clear goals for what the project should be and at what point are crucial	Aleksandar Miroslavov Minchev	05/06/2022	02/06/2022	Jira dashboard helped with scheduling and setting clear goals, daily scrum meetings also assisted in managing conflicts. No arbitration wa required so far.
R4	Illness	Project risk	Illness of the team members can slow down the project a lot as the number of team members is small.		2	4	Team members should be exercising a decent amount and protecting their health from catching colds or other illnesses.	Aleksandar Miroslavov Minchev	05/06/2022	02/06/2022	Team members keep a healthy schedule.
R5	Wrong definition of requirements	Project risk	The team wasn't able to gather requirements wel enough from the customer and the user stories weren't descriptive enough, missing key features for the customer or requirements that customer didn't want as much or at all were prioritized.		1	5	A formal review of the requirements will help with establishing key features, how those features look and what has to be done to achieve them. Speaking again with customer can also be required.	Aleksandar Miroslavov Minchev	05/06/2022	2 02/06/2022	Requirements specification document was created and an analysis of it was conducted, ironning out any questions from delevopers.
R6	Bad documentation	Product risk	The team doesn't document well enough their code causing errors in function usage and regressions		1	4	Using a code standartizer(either a document stating standarts or a module which helps with this) can fix this, code reviews should always check for documentation.	Aleksandar Miroslavov Minchev	05/06/2022	2 02/06/2022	During Daily Meetings documentation check for completed functions was done. ESlint was implemented to guarantee coding standarts.
R7	Website has a lot of time to load	Product risk	The system design and architechture weren't design good, causing delays in the system usage		2	4	Stress performance testing will help with this issue identify this issue, choosing the correct technologies can also be of benefit	Aleksandar Miroslavov Minchev	05/06/2022	02/06/2022	JMeter choosen to do Stress Performance. Created a tests plan for stress performance testing.
R8	Security vulnerabilities not addressed	Product risk	No protections added for SQL injection, server side request forgery or cross-site scripting causing massive damage to system and product		2	5	Code reviews can check if security has been addressed. Integration tests and system integration tests can check if our security has been done correctly	Aleksandar Miroslavov Minchev	05/06/2022	02/06/2022	During Code reviews checks for security were done. Integration testing helped identify key issues.
R9	Lack of user validation	Product risk	End product doesn't get presented to users for validating their opinion on the end product		3	5	Doing a gorilla test can help as it is quick to do, giving adecuate time in the sprints for an acceptance test by the users of implemented features.	Aleksandar Miroslavov Minchev	05/06/2022	2 02/06/2022	No actions taken for gorrila testing. Given to time to do acceptance test before starting next spring
R10	Errors in calculations	Product risk	Misunderstanding in requirements causes errors or misunderstanding in how calculations have to be done for some use cases		1	4	A formal review of the requirements will help with establishing key features, how those features look and what has to be done to achieve them. Speaking again with customer can also be required.	Aleksandar Miroslavov Minchev	05/06/2022	02/06/2022	Requirements specification document was created and an analysis of it was conducted, ironning out any questions from delevopers. Questions towards busines calculations answered.
			Failure to addhere to testing and coding schedule and lack of knowledge of team members are the causes to failing to implement the feature on				Good tech stack choice, well thought-out sprint schedule with enough time for all types of testing. Good prioritization of	Aleksandar Miroslavov			Schedule was created and is adhered to. Tech
R11	Key feature not implemented	Product risk	time. Unit tests and integration tests design were not done correctly missing or misunderstanding what		2	5	Tasks has to be done. Formal review of requirements, code reviews at the end of sprints to check. Acceptance testing before sprint end can help identify issues before release into	Minchev Aleksandar Miroslavov	05/06/2022	02/06/2022	stack that all team members know was choosen. Review of requirements conducted, time given for acceptance testing in scrum schedule, code
R12	Leaving a defect in production	Product risk	had to be done. Team members weren't able to keep up with the		1	5	production. Scrum schedule created. Change schedule if it looks like key features are being delayed and deadline is closing in.	Minchev Aleksandar Miroslavov	05/06/2022		Previews were done at the end of sprints Scrum schedule created. No changes to it have
R13	Missing deadline	Project risk	schedule.		2	5	Overtime work can also help.	Minchev	05/06/2022	02/06/2022	been required so far. No overtime work as well.
	Impact 1: Not significant 2: Minor 3: Moderate 4: Major 5: Severe	Probability 1: Rare 2: Unlikely 3: Possible 4: Likely 5: Almost Certain									

Probability		Risks				
Almost Certain						
Likely						
Possible					R9,	
Unlikely			R3	R4,R7	R1,R8,R11,R13	
Rare				R2,R6,R10	R5,R12	
Impact	Not significant	Minor	Moderate	Major	Severe	

	Risk Ta	ble Final Assessment								
Risk name	Type of risk	Description	Probability	Impact	Risk factor	Mitigation	Responsible	Follow-up date	Status date	Status
Incorrect estimation of tasks	Project risk	Overestimation or underestimation, exclusion of team members from estimation process		1	5	Using Jira with Scrum for establishing Sprints, a good testing schedule has to be created inside Jira.	Aleksandar Miroslavov Minchev	05/06/2022	None	No further actions were taken
Team members are unfamiliar with the technologies chosen	Project risk	The developers are inexperienced they might not be familiar with the chosen tech stack or they need more time to get familiar with it.		1	4	Tech stack choice that all developers are atleast comfortable in code writing in.	Aleksandar Miroslavov Minchev	05/06/2022	None	No further were taken
Unable to connecte as a team	Drainat riak	Team members may not have worked together a lot, and diffrence in personality and project view			2			05/06/2022	None	No further were taken
Unable to cooperate as a team	Flojectilsk	Illness of the team members can slow down the			3	Team members should be exercising a	Aleksandar	03/06/2022	None	No further were taken
Illness	Project risk	small.		1	4	4 from catching colds or other illnesses.	Minchev	05/06/2022	None	No further were taken
Wrong definition of requirements	Project risk	Ine team wasn't able to gamer requirements weil enough from the customer and the user stories weren't descriptive enough, missing key features for the customer or requirements that customer didn't want as much or at all were prioritized.		1	5	help with establishing key features, how those features look and what has to be done to achieve them. Speaking again with customer can also be required.	Aleksandar Miroslavov Minchev	05/06/2022	None	No further actions were taken
Bad documentation	Product risk	The team doesn't document well enough their code causing errors in function usage and regressions		1	4	Using a code standartizer(either a document stating standarts or a module which helps with this) can fix this, code reviews should always check for documentation.	Aleksandar Miroslavov Minchev	05/06/2022	None	No further actions were taken
Wahaita has a let of time to lead	Product rick	The system design and architechture weren't		1	4	correct technologies can also be of	Miroslavov	05/06/2022	None	No further actions were
	Product risk	No protections added for SQL injection, server side request forgery or cross-site scripting		1	5	Code reviews can check if security has been addressed. Integration tests and system integration tests can check if our	Aleksandar Miroslavov Minchev			No further actions were taken
Lack of user validation	Product risk	End product doesn't get presented to users for validating their opinion on the end product		1	5	Doing a gorilla test can help as it is quick to do, giving adecuate time in the sprints for an acceptance test by the users of implemented features.	Aleksandar Miroslavov Minchev	05/06/2022	None	No further actions were taken
Errors in calculations	Product risk	Misunderstanding in requirements causes errors or misunderstanding in how calculations have to be done for some use cases		1	4	A formal review of the requirements will help with establishing key features, how those features look and what has to be done to achieve them. Speaking again with customer can also be required.	Aleksandar Miroslavov Minchev	05/06/2022	None	No further actions were taken
Key feature not implemented	Product risk	Failure to addhere to testing and coding schedule and lack of knowledge of team members are the causes to failing to implement the feature on time.		1	5	Good tech stack choice, well thought-out sprint schedule with enough time for all types of testing. Good prioritization of tasks has to be done.	Aleksandar Miroslavov Minchev	05/06/2022	None	No further actions were taken
Leaving a defect in production	Product risk	Unit tests and integration tests design were not done correctly missing or misunderstanding what had to be done.		1	5	Formal review of requirements, code reviews at the end of sprints to check. Acceptance testing before sprint end can help identify issues before release into 5 production.	Aleksandar Miroslavov Minchev	05/06/2022	None	No further actions were taken
Missing deadline	Project rick	Team members weren't able to keep up with the		1		Scrum schedule created. Change schedule if it looks like key features are being delayed and deadline is closing in.	Aleksandar Miroslavov	05/06/2022	None	No further actions were
Missing deadline	Project risk	schedule.			5	5 Overtime work can also help.	Minchev	05/06/2022	None	taken
	Incorrect estimation of tasks Team members are unfamiliar with the technologies chosen Unable to cooperate as a team Illness Wrong definition of requirements Bad documentation Website has a lot of time to load Security vulnerabilities not addressed Lack of user validation Errors in calculations Key feature not implemented	Risk name Type of risk Incorrect estimation of tasks Team members are unfamiliar with the technologies chosen Unable to cooperate as a team Project risk Unable to cooperate as a team Project risk Wrong definition of requirements Project risk Wrong definition of requirements Project risk Website has a lot of time to load Product risk Security vulnerabilities not addressed Product risk Lack of user validation Product risk Errors in calculations Product risk Key feature not implemented Product risk Leaving a defect in production Product risk	Incorrect estimation of tasks Project risk Team members are unfamiliar with the technologies chosen Unable to cooperate as a team Project risk Illness Project risk Illness Project risk Illness of the team members can slow down the project a lot as the number of team members is small. The team wasn't able to gather requirements well enough from the customer and the user stories weren't descriptive enough, missing key features for the customer or requirements that customer didn't want as much or at all were prioritized. The team doesn't document well enough their code causing errors in function usage and regressions Website has a lot of time to load Product risk Em product doesn't get presented to users for validating their opinion on the end product Misunderstanding in requirements causes errors or misunderstanding in how calculations have to be done for some use cases Failure to addhere to testing and coding schedule and lack of knowledge of team members are the causes to failing to implement the feature on time. Unit tests and integration tests design were not done correctly missing or misunderstanding what had to be done.	Risk name Type of risk Description Overestimation or underestimation, exclusion of team members from estimation process Team members are unfamiliar with the technologies chosen Team members are unfamiliar with the technologies chosen Unable to cooperate as a team Project risk Unable to cooperate as a team Project risk Team members may not have worked together a lot, and difference in personality and project view can hurt the project. Illness of the team members can slow down the project of a to as the number of team members is small. The team wasn't able to gather requirements well enough from the user stories weren't descriptive enough, missing key features for the customer or requirements well enough from the user stories weren't descriptive enough, missing key features for the customer or requirements well enough their code causing errors in function usage and regressions Website has a lot of time to load Product risk The system design and architechture weren't design good, causing delays in the system usage No protections added for SQL injection, server side request forgery or cross-site scripting causing massive damage to system and product End product doesn't get presented to users for validating their opinion on the end product Misunderstanding in requirements causes errors or misunderstanding in how calculations have to be done for some use causes Failure to addhere to testing and coding schedule and lack of knowledge of team members are the causes to failing to implement the feature on time. Leaving a defect in production Product risk Team members weren't able to keep up with the	Risk name Type of risk Description Incorrect estimation of tasks Project risk Team members are unfamiliar with the technologies chosen Unable to cooperate as a team Unable to cooperate as a team Project risk Illness Project risk Illness of the team members can slow down the project. Illness of the team members requirements well encount to be greater requirements well encount from the outsomer and the user sconney encount from the outsomer and the user sconney encount from the outsomer or requirements well encountered reactions and the user sconney encountered requirements well encountered reactions and the user sconney encountered requirements well encountered reactions and the user sconney encountered requirements well encountered requirements and the user sconney level the user sconney for the user sconney and the user sconney level requirements well encountered requirements well encountered requirements well encountered requirements and the user sconney level requirements and the user sconney of the user sconney and the user sconney level requirements and the user sconney level requirements and the user sconney and the user sconney level requirements and the user sconney and the user sconney level requirements and the user sconney and the user	Risk name Type of risk Description Overestimation or underestimation, exclusion of team members from estimation process Team members are unfamiliar with the exchologies chosen Team members are unfamiliar with the exchologies chosen Unable to cooperate as a team Project risk Team members are not performed they night not be familiar with the chosen tech stack or they need more time to get familiar with at the chosen tech stack or they need more time to get familiar with at the chosen tech stack or they need more time to get familiar with at the chosen tech stack or they need more time to get familiar with at the chosen tech stack or they need more time to get familiar with at the chosen tech stack or they need more time to get familiar with at the chosen tech stack or they need more time to get familiar with at the chosen tech stack or they need more time to get familiar with at the chosen tech stack or they need more time to get familiar with at the chosen the stack or they need to the familiar with at the chosen the stack or they need to the standard with a standard or the chosen the stack or they need to the chosen the stack or they need to the standard with a standard or the standard or the standard or the standard or the chosen the stack or they need to the chosen the stack or they need to the chosen the standard and the user stones weren't descriptive country in the customer and the user stones weren't descriptive country or at all weep profitting or at all weep p	Floak name Type of risk Coverestimation or underrestimation, exclusion of incorrect estimation of tasks Project risk Team members are unfamiliar with the become to the stack or they need more time to get familiar with the chosen to the stack or they need more time to get familiar with the chosen to the stack or they need more time to get familiar with the chosen to the stack or they need more time to get familiar with the chosen to the stack or they need more time to get familiar with the chosen to the stack or they need more time to get familiar with the chosen to the stack or they need more time to get familiar with the chosen to the stack or they need more time to get familiar with the chosen to the stack or they need more time to get familiar with the chosen to the stack or they need more time to get familiar with the chosen to the stack or they need more time to get familiar with the chosen to the stack or they need more time to get familiar with the chosen to the stack or they need more time to get and the stack or they need more time to get and the stack or they need more time to get and the stack or they need more time to get and the stack or they are greaters to get and the stack or they are greaters to get and the stack or they are greaters to get and the stack or they are greaters to get and the stack or the stack or they are greaters to get and the stack or they are greaters to get and the stack or they are greaters to get and the stack or the stack or the stack or the greaters and the greaters and the stack or the greaters and the stack or the greaters and the	Pisk name Pisk name Proped risk Project risk	Project risk Inspect of the second project o	Risk name Pope of risk Description Productiny Productiny Productiny Productiny Productiny Producting Pr

Impact 1: Not significant 2: Minor 3: Moderate 4: Major 5: Severe	Probability 1: Rare 2: Unlikely 3: Possible 4: Likely 5: Almost Certain							
Probability		Risks						
Almost Certain								
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Possible								
Unlikely								
Rare			R3	R4,R6,R2,R7, R10	R12,R9,R1,R8, R11,R5			
Impact	Not significant	Minor	Moderate	Major	Severe			