Course Code: CSL601	Course Name: Software Engineering Lab
Class: TECO	Batch: 3
Roll no: 18CO63	Name: SHAIKH TAUSEEF MUSHTAQUE ALI

Experiment: 04

Aim: Prepare RMMM plan for the project.

Output:

Prepare the risk table for your project.

Risk ID	Risk	Category	Probability	Impact
1	Technology will not Meet Expectations	Resources	20%	1
2	Lack of Development Experience	Resources	20%	2
3	Poor Quality Documentation	Communication	30%	3
4	Poor Comments in Code	Scope	15%	4
5	Minor delay in Software modification	Time	50%	2
6	Changes in Requirements	Communication	40%	2

Category: Time, Communication, Cost, Resources, Environmental, Scope

Impact values: Catastrophic - 1, Critical - 2, Marginal - 3, Negligible - 4

For each risk identified in Risk table, prepare the plan in the following manner:

Risk ID: 1	Date:	Probability: 20%	Impact: 1
Description	The Technology may not meet the expected out for Phishing Detection.		
Mitigation	In order to prevent this from happening, meetings (formal and informal) will be held with the customer on a routine business. This ensures that the product we are producing, and the specifications of the customer are equivalent.		
Monitoring	The meetings with the customer should ensure that the customer and our organization understand each other and the requirements for the product.		
Management	Should the development team come to the realization that their idea of the product specifications differs from those of the customer, the customer should be immediately notified and whatever steps necessary to rectify this problem should be done. Preferably a meeting should be held between the development team and the customer to discuss at length this issue.		

Originator:	Assigned to: TAUSEEF SHAIKH

Risk ID: 2	Date:	Probability: 30%	Impact:
Description	Lack in experience of the topic while developing the project may have a great impact on the project.		
Mitigation	In order to prevent this from happening, the development team will be required to learn the languages and techniques necessary to develop this software. The member of the team that is the most experienced in a particular facet of the development tools will need to instruct those who are not as well versed.		
Monitoring	Each member of the team should watch and see areas where another team member may be weak. Also, if one of the members is weak in a particular area it should be brought to the attention by that member, to the other members.		
Management	The members who have the most experience in a particular area will be required to help those who don't. It should come out to the attention of the team, that a particular member needs help.		
Originator:	Assigned to: SAMEER SHAIKH		

Risk ID: 3	Date:	Probability: 20%	Impact: 3
Description	Uncivilized or Incomplete documentation may make complecation in understanding, testing etc.		
Mitigation	In order to prevent this from happening, members who are in charge of developing the documentation will keep in contact with each developer on the team. Meetings will be held routinely to offer documentation suggestions and topics. Any topic deemed missing by a particular developer will be discussed and it will be decided whether or not to add that particular topic to the documentation. In addition, beta testers will be questioned about their opinion of the documentation.		
Monitoring	Throughout development or normal in and out of house testing, the development team and or beta testers will need to keep their eyes open for any possible documentation topics that have not been included.		
Management	Should this occur, the organization would call a meeting and discuss the addition of new topics, or removal of unnecessary topics into the documentation.		
Originator:	Assigned to: SAMEER SHAIKH		

Risk ID: 4	Date:	Probability: 15%	Impact: 4

Description	Unorganized or Missing comments in the code can affect debugging.
Mitigation	Poor code commenting can be minimized if commenting standards are better expressed. While standards have been discussed informally, no formal standard yet exists. A formal written standard must be established to ensure quality of comments in all code.
Monitoring	Reviews of code, with special attention given to comments will determine if they are up to standard. This must be done frequently enough to control comment quality. If they are not done comment quality could drop, resulting in code that is difficult to maintain and update.
Management	Should code comment quality begin to drop, time must be made available to bring comments up to standard. Careful monitoring will minimize the impact of poor commenting. Any problems are resolved by adding and refining comments as necessary.
Originator:	Assigned to: SAMEER SHAIKH

Risk ID: 5	Date:	Probability: 50%	Impact: 2
Description	Minor delay in software modification leads to extension of the total project development time.		
Mitigation	The cost associated with a Minor delay in Software modification is critical. A minor delay will result in a late delivery of a letter of acceptance from the customer. Without the letter of acceptance, the group will receive a failing grade for the course. Steps have been taken to ensure a timely delivery by gauging the scope of project based on the delivery deadline.		
Monitoring	A schedule has been established to monitor project status. Falling behind schedule would indicate a potential for late delivery. The schedule will be followed closely during all development stages.		
Management	Minor delay would be a catastrophic failure in the project development. If the project cannot be delivered on time the development team will not pass the course. If it becomes apparent that the project will not be completed on time, the only course of action available would be to request an extension to the deadline form the customer.		
Originator:	Assigned to: TAUSEEF SHAIKH		

Risk ID: 6	Date:	Probability: 40%	Impact: 2
Description	The Requirements of the Project can change at any point of the development.		
Mitigation	In order to prevent this from happening, meetings (formal and informal) will be held with the customer on a routine business. This ensures that the product we are producing, and the requirements of the customer are equivalent.		

Monitoring	**The meetings with the customer should ensure that the customer and our organization understand each other and the requirements for the product.**
Management	**Should the development team come to the realization that their idea of the product requirements differs from those of the customer, the customer should be immediately notified and whatever steps necessary to rectify this problem should be taken. Preferably a meeting should be held between the development team and the customer to discuss at length this issue.**
Originator:	**Assigned to: TAUSEEF SHIAKH**

Reference:

Case Study – GameForge

Conclusion:

With the help of this Assignment, we can have a clear view on RISK MANAGEMENT for our project.