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| **Experiment Number: 9** | | | | | |
| **Date of Performance:** | | **05-09-2022** | | | |
| **Date of Submission:** | | **23-09-2022** | | | |
| **Program Execution/ formation/ correction/ ethical practices (07)** | **Documentation (02)** | **Timely Submission (03)** | **Viva Answer to sample questions (03)** | **Experiment Total (15)** | **Sign** |
| **7** | **2** | **2** | **3** | **14** |  |

Experiment No: 9

**Aim:** Preparation of Risk Mitigation, Monitoring

and Management Plan (RMMM).

**Lab Outcome:** Use computer-aided software engineering (CASE) tools.

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| RISK INFORMATION SHEET | | | | |
| RISK ID: R-01 | DATE: 20/10/2021 | PROBABILITY:40% | | IMPACT: CATASTROPHIC |
| RISK DESCRIPTION:  Member Risk:  The risk will cause due to unskill group members in the group | | | | |
| REFINEMENT/CONTEXT:  Sub-condition 1: t. If the team members are not experience enough to use the application necessary to develop the software it will keep pushing the development dates until it’s too late to save the project.  Sub-condition 2: t. If one or more members of the software development team are not putting in all the effort required to finish the project it will cause the project to fail. . | | | | |
| MITIGATION/MONITORING:  This risk concerns the knowledge and of the employees and their willingness to help make the project succeed. As mitigation step of this risk we will make sure that some one in all of the project development phases knows exactly what to do and the tools to use to achieve the goals. If the employees that have little knowledge in the main software implementation language fails to learn it, it may cause big problems when coding part begins. | | | | |
| MANAGEMENT / CONTINGENCY PLAN / TRIGGER:  . Monitoring and managing of this risk will include looking out for each other, that is if some team-member is having difficulties in performing some tasks or using particular tool or technique other members of that team will help him out. This is where team members may have to spend little time with each learning or teaching what others know. If team member lacks ability to use certain programming language or application, other team members will take some time off to teach the team member basics related to that application. | | | | |
| CURRENT STATUS: Mitigation step initiated | | | | |
| ORIGINATOR:  Sudip Khotkar  Atharva Kothawade | | | ASSIGNED:  Preet Kansara | |

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| RISK INFORMATION SHEET | | | | |
| RISK ID: R-02 | DATE: 20/10/2021 | PROBABILITY: 35% | | IMPACT:CATASTROPHIC |
| RISK DESCRIPTION:  Process risk involves risks regarding product quality. If the product developed does not meet the standards set by the customer or the development team it is a failure.  . | | | | |
| REFINEMENT/CONTEXT:  Sub-condition 1: This can happen because of the customer’s failure to describe the true business need or the failure of the software development team to understand the project and than to use proper equipment and employees to finish the project.  . | | | | |
| MITIGATION/MONITORING:  We want quality of the product to be as high as possible. To achieve this we will set up guidelines to be followed for each of the team members during all the phases of the software development cycle. The standard will be set and defined for all of the software development. This will help the team in delivering the high quality product thus increasing our reputation in the market. This will help bring in more clients in the future. It will also save customer from getting low quality product. For example, palm size PC checklists are easy to get used too. If inspector can not get used to the forms in the PC they may go back to using pen and paper which is not good for the reputation of the team. | | | | |
| MANAGEMENT / CONTINGENCY PLAN / TRIGGER:  To monitor the risk here we will review each other’s work to find the problems and to help each other in achieving better product quality. We will also have the general guidelines set for all of the work to be carried on for the software development. Software development team will constantly check each others work; will compare it with the set guidelines, and will inform a team member who is failing to participate in following the guidelines. | | | | |
| CURRENT STATUS: Mitigation step initiated | | | | |
| ORIGINATOR:  Sudip Khotkar  Atharva Kothawade | | | ASSIGNED:  Preet Kansara | |