**Risk Management Plan**

|  |  |  |  |
| --- | --- | --- | --- |
| S.NO | Risks | Description | Contingency Plans |
| 1 | Misunderstanding of requirements. | Each developer may understand requirement in different way. | At each phase code is tested, if a developer misunderstood requirements and coded the same then recoding is done as per correct requirements while other developers share extra work. |
| 2 | Missing deadlines. | There are many reasons for missing deadlines like less productive, environmental factors, medical leave and etc. | Reason is identified. If there is a medical emergency, then amount of work is shared among other developers.  If a developer is less productive then training is given to cope up. |
| 3 | Lack of Technical Knowledge. | All team members may not have knowledge on all technologies used in the project | Training is given for required technologies. |
| 4 | Conflicts among developers. | Conflicts among developers may occur on approach. | Advantages and disadvantages of each approach is discussed and appropriate approach is selected. |
| 5 | Low quality. | Measured in number of defects. More number of defects infer low quality | Code quality is checked at end of each week. Defects are classified and root causes for defects are analyzed and appropriate action is taken based on metrics. |

Risk Monitoring: Top 5 risks which are identified based on overall impact on project are added to risk management plan. In every meeting risks which fall in current phase are discussed. Risks monitoring is recurring during complete SDLC of project.