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| **Software Risks** | | | | | | | |
| **Risk** | **Probability** | **Impact** | **Risk Factor** | **Responsibility** | **Mitigation Steps** | **Start Date** | **End Date** |
| Low Budget | High | High | High | Project Manager | Asking the Client about budget-estimate plan | When the project commences | Till the end of the project |
| Behind the Schedule | Medium | Medium | Medium | Developer | Request for additional developers to work on the project | When the project on going | Till the end of the project |
| Problem of Personnel | Medium | High | Medium | Project Manager and his/her staff , HRD | Give additional bonus (Project Manager). Register life Assurance, make sure the staff are facilitate | When the project commences | Till the end of the project |
| Performance risk due to high volume of data to be processed (Resource) | Low | High | Medium | Project Designer | Extensive tuning of architecture of the application during design phase | When the project commences | Till the end of the project |
| Cross-browser compatibility (Design) | High | High | High | Developer | Check compatibility on different browsers, such as Internet Explorer and Mozilla, Microsoft Edge | When the project commences | Till the end of the project |
| Implementation his / her knowledge during development | Medium | High | Medium | Project Manager | Conduct training sessions before the commence-ment of the project or Looking for the staff who has good skill in his/her jobdesk. | When the project commences | Within three months |
| Design changes during development (Interface) | High | High | High | Project Designer | Design a flexible architecture that can accommodate future changes, enhancements, and upgrades. | When the project commences | Till the end of the project |
| Found error bugs (Maintenance) | High | High | High | Developer | Do regular test every code finished. | When the project on going | After the end of the project |

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| **Business Risks** | | | | | | | |
| **Risk** | **Probability** | **Impact** | **Risk Factor** | **Responsibility** | **Mitigation Steps** | **Start Date** | **End Date** |
| Low Sell | Medium | High | Medium | Marketing | Advertising, change the business model. | After the end of the project | After the product sell well |
| Involvement of new technology | Medium | High | Medium | Project Manager | Obtain the news about the new technology and compare with the owned resource.  Be in contact with the technology vendor | When the project commences | Till the end of the project |
| Other product competition | High | High | High | Project Manager | Implement new technology, benefit, feature in the product | When the project on going | After the end of the project |
| The loss of the management team | Medium | High | Medium | Project Manager and his/her staff , HRD | Give additional bonus to the staff (Project Manager). | When the project commences | Till the end of the project |
| Low Budget | High | High | High | Project Manager | Asking the Client about budget-estimate plan | When the project commences | Till the end of the project |

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| **Premature Release Risks** | | | | | | | |
| **Risk** | **Probability** | **Impact** | **Risk Factor** | **Responsibility** | **Mitigation Steps** | **Start Date** | **End Date** |
| The launch of the product in the market before the project is completed | Medium | High | Medium | Project Manager | Do regular meeting with the developer, do regular testing with the product. | When the project commences | Till the end of the project |

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| **Testing Risks** | | | | | | | |
| **Risk** | **Probability** | **Impact** | **Risk Factor** | **Responsibility** | **Mitigation Steps** | **Start Date** | **End Date** |
| Insufficient budget | High | High | High | Project Manager | Asking the Client about budget-estimate plan which client has. | When the project commences | Till the end of the project |
| Incompatible test environment | High | High | High | Developer | Check compatibility on different environment. | When the project commences | Till the end of the project |
| Inappropriate tools and procedures | High | High | High | Project Manager | Check compatibility on different tools.  Planning a proper procedures. | When the project commences | Till the end of the project |
| Low reusability of test procedure | Medium | Medium | Medium | Project Manager | Planning a proper procedures | When the project commences | Till the end of the project |
| Use of new technology | Medium | High | Medium | Project Manager | Obtain all possible information related to the new technology  Be in contact with the technology vendor | When the project commences | Till the end of the project |
| Inexperienced testers | Medium | High | Medium | Project Manager | Make sure the staff who want to test, are the skillful staff. | Before the project commences | Within one months |