# C.1.4 List of Risks

|  |  |  |  |
| --- | --- | --- | --- |
| Risk | Probability | Effects | Your Strategy |
| The time required to develop the software is underestimated. | High | Serious | Immediately start work, create a Gantt chart to map out project timeline |
| Software tools cannot work together in an integrated way. | High | Tolerable | Research applicable tools by looking at already existing projects |
| Customers fail to understand the impact of requirements changes. | Moderate | Tolerable | Produce a Project Scope Statement for the customers. |
| The rate of defect repair is underestimated. | Moderate | Tolerable | Replace potentially defective components with more reliable bought-in components. |
| The size of the software is underestimated. | High | Serious | Investigate buying sw components;  Investigate use of a program generator. |
| Code generated by code generation tools is inefficient. | Moderate | Insignificant | Manually edit the inefficient units of the code |
| Key staff are ill at critical times in the project. | Moderate | Serious | Reorganize team so that there is more overlap of work and people therefore understand each other’s jobs. |
| The database used in the system cannot process as many transactions per second as expected. | Moderate | Serious | Investigate the possibility of buying a higher-performance database. |