

Risk Assessment - CRUD Project

| No | Description | Evaluation | Likelihood | Impact Level | Responsibility | Response | Control Measures |
|---------------|--|--|------------|--------------|----------------|---|---|
| SQL | | | | | | | |
| 1.1 | Database creation fails | MySQL crashes/fails | Low | High | MySQL/Compute | Create new database | Create backup |
| 1.2 | sql file corrupted | MySQL crashes/fails | Low | High | MySQL/Compute | Create new database | Create backup |
| Code | | | | | | | |
| 2.1 | Incomplete code submitted | Issues or wrong code deployed | Medium | High | Developer (Me) | Update code and resubmit | Redownload and test submitted code before deadline |
| 2.2 | Incomplete coverage of tests | Not all code is tested | High | Medium | Developer (Me) | Attempt to write all tests, and if not possible then manually test through command line | Run manual tests if Junit tests are not achievable within the timeframe |
| 2.3 | Requirements not being met | Requirements are not available on the application | Low | High | Developer (Me) | Keep track of requirements through JIRA, and ensure that all are being met through the process | Measure the submitted project against the predefined requirements |
| Github | | | | | | | |
| 3.1 | Not committing and branching correctly on github | Github does not save the progress of the code | Medium | Low | Developer (Me) | Always check through github that commits and merges are successful, and the progress in the code is | Use best practice when branching and committing, and taking care when merging |
| Documentation | | | | | | | |
| 4.1 | Not completing the documentation | Difficult for external users to understand the project | High | Low | Developer (Me) | Keep track of documentation required through JIRA and ensure that it is completed and | Measure the documentation against the predefined requirements |