Risk Assessment

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| ID | Description | Responsibility | Likelihood | Impact Level | Response |
| 1 | Loss of data on PC | Developer | Medium | Extreme | Use source code management GitHub to store everything |
| 2 | Loss of data on GitHub | GitHub | Low | Extreme | Have local offline backups |
| 3 | Wrong code is pushed onto the main branch | Developer | Medium | High | Use version control system Git with feature branches and make sure main branch is always functional |
| 4 | Broken code is pushed onto the project | Developer | High | Medium | Use JUnit testing and make sure that all the code works before committing to the branch |
| 5 | Desktop breaks down during project | Developer | Low | Extreme | Have a secondary laptop installed with the software needed ready to be used |
| 6 | Not enough time to finish the project | Developer | Medium | High | Use time management, prioritize MVP tasks, use JIRA |
| 7 | Not enough knowledge in certain topics while working on a project | Developer | Medium | Medium | Check notes, go through QA Community, contact trainer for help |
| 8 | Internet goes offline | ISP | Low | High | Have notes, the project spec and helpful information stored offline too, use hotspot for committing and pushing on GitHub |

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| **SEVERITY** | | | | |
|  | Low | Medium | High | Extreme |
| High |  |  |  |  |
| Medium |  |  |  |  |
| Low |  |  |  |  |

**PROBABILITY**