HWA PROJECT RISK ASSESSMENT

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| Risk | Description | Causes | Mitigation | Response | Risk Severity (1-10) |
| Faulty coding | Code which will not execute and still has errors. | Invalid syntax used.  Improper methods. | Check all errors in eclipse and determine a resolution | Ensure code is fully working without errors. | 9 |
| Lost work/ unsaved work | Completed work which is no longer available on the user’s disk. | Improper merging of git.  Failure to save updates. | Regularly push and commit to git repository. | Ensure code is pushed up to github once it has been completed. | 7 |
| Improper use of Java code. | Code which is not working as expected due to faults in the backend development. | Knowledge gap in Java, resulting in improper use of code. | Ask for feedback and guidance on areas which are knew. | Carry out Junit testing to ensure results are as expected. | 7 |
| Not completing project before the deadline. | Handing in a project which has not fulfilled all the requirements. | Poor time management.  Faulty code and java practice. | Use agile working and the use of Jira to track progress in the project. | Work on other tasks within the project if you have been stuck on a section for too long | 6 |
| Power outage | Power outage causing user’s desktop to shut down and potential loss of work. | Issues with local power supply/source. | Regularly save work which has been updated. | Resume work once all services are running. | 2 |