**Risk Assessment (Post)**

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|  | Risk Statement | Response strategy | Objectives | Likelihood | Impact | Risk Level |
| GitHub | Any source code pushed to GitHub could potentially contain information that hackers would find useful when trying to a maliciously alter the project. The source files could potentially contain hard-coded login credentials which could allow for data leaks. | Use stronger passwords and usernames than just “admin” or “root”, and keep them regularly updated. | Reduce the likelihood of hacking and data leaks. | Medium | High | Medium-to-High |
| SQL | A user could type an incorrect command and delete the tables | Use user access to control who can do certain things | Reduce the likelihood of data being lost | Medium | High | Medium |
| GitHub | Any source code might not get pushed regularly to ensure changes made to the code is saved | Set reminders to push code to GitHub | Increase the most recent code changes are available for people to see | High | Medium | Medium |
| SpringBoot | Understanding something this new and a bit more complex is a little difficult. | Trying to use the time in between to learn and do as much as I can. | Improve my skills to become more proficient. | Medium | High | Low |
| Computer Use | Spending long times working on a computer may cause RSI (repetitive Strain Injury), eye strain and back problems. | Ensure workplace is appropriate for spending large amounts of time – appropriate seat, adjustable monitor height, blue light filter screens and regular breaks to allow movement. | Reduce the amount of time spent in front of the computer to prevent eye straining and back pain. | Medium | Medium | Medium |
| Time | With the deadline creeping up and little time in between the learning time management will be the biggest key factor for this project. Not time managing properly result in lack of functionality or features, whether it is in the product or documentation. | Use the KANBAN board in Jira to help plan out a structure on running the project. It gives a good aid in how long you might need and how to get things going. | Reduce the chance on not planning and being able to meet the deadline. | High | High | High |
| Falling Ill | During the current situation it may possible to get ill. | Stay indoors and go out as little as possible. | Reduce the chance of falling ill | Medium | High | High |