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| **Risk** | **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-High |
| **Hardware** | The Wi-Fi is extremely temperamental in the house and there is a high likelihood of it going down throughout the day. | Save all files/folders as often as possible to ensure that if the Wi-Fi goes down there is a backup to be reverted to. | Reduces the risk of data or progress being lost towards the project | Medium | Medium | Medium |
| **Focus based** | There will be work taking place on the house for the foreseeable future including building work and other high noise activities which can impact my communication and focus. | Ensure workstation is as quiet as possible (Use headphones if needed) and ensure all workmen know that work is going on. | Reduces chances of losing focus and becoming less productive during the project. | High | Low | Medium |
| **SQL/MySQL** | Due to difficulties with building work, I missed most of the first day covering the basics of SQL and MySQL therefore my knowledge is lacking slightly in comparison to my colleagues | When problems arise and gaps in knowledge present themselves, ensure that I revise all the material we covered and the learning | Reduces the risk of project not meting specs due to a lack of knowledge. | High | High | High |
| **Covid-19** | Due to the Covid-19 the course has had to be moved to Microsoft Teams instead of a physical class. This can result in a variety of issues such as communication, time management etc. | Keep the trainers informed of any issues or concerns that I may have, or my teammates may have. Let them know ASAP of my constraints. | Reduces risk of remote working being detrimental to the project. | High | Low | Medium |
| **Java** | I have never previously worked with Java whereas a lot of my colleagues have therefore I may be lacking knowledge or not learning at the same speed as them which could hinder the project productivity. | Use some free time before/after work to go through content + additional learning surrounding Java. Ensure time during work is used efficiently. | Reduces the risk of project not meeting specs due to lack of knowledge. | Medium | High | Medium-High |
| **Hardware** | Due to ongoing laptop difficulties, work are sending me out a replacement. This could result in some minor or major losses in data if not careful and may delay progress due to configuration and set up. | Ensure that all relating project material is backed up to and pushed to the cloud so that once laptop is transferred, I can retrieve all the necessary resources instantly. | Reduces the risk of losing data while changing laptops and ensures there is no delay in process. | High | High | High |