Hobby Web App Project Risk Assessment

**Key**

Likelihood

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Extremely Unlikely | Unlikely | Possible | Likely | Certain |
| 1 | 2 | 3 | 4 | 5 |

Impact

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Negligible | Minor | Moderate | Major | Extreme |
| 1 | 2 | 3 | 4 | 5 |

Risk Rating

|  |  |  |  |
| --- | --- | --- | --- |
| Low | Moderate | High | Extreme |
| 1-4 | 6-12 | 12-18 | 19-25 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **ID** | **Description** | **Cause** | **Effect** | **Likelihood** | **Impact** | **Risk Rating** | **Action** |
| 1 | Not Meeting Deadline | Bad/Naïve time management | Project requirements not met to the required standard | 4 | 5 | 20 | Regularly check progress regarding overall project to ensure I’m on track to meet deadline |
| 2 | Lack of knowledge on required technology | New area of development that I haven’t encountered  before | Inability to meet specific requirement(s) due to being unable to progress | 2 | 5 | 10 | Research area online, ask tutor or colleague to assist |
| 3 | PC Issues | Hardware fails/breaks, power cuts, internet issues | Loss of local copies of project and/or inability to work on project | 1 | 5 | 5 | Keep regular project backups with Git. If PC dies, have laptop available or contact QA to get one |
| 4 | Improper Backups/Bad version control | Git not used correctly with lack of branching and pushing | Unable to access backups when needed, can’t roll back version when errors occur | 2 | 2 | 4 | Always work on separate branches rather than the dev branch, always push after each sprint/at the end of the day |
| 5 | Program does not run correctly | Insufficient testing | Requirements may not be met/unable to showcase areas of code | 3 | 4 | 12 | Get project to a high level of coverage in the testing phase |
| 6 | Spring App does not load as expected | Error in implementation either in tags or adding dependencies | Can’t run program and test functionality | 2 | 5 | 10 | Check dependency is correct, and all tags are used in the correct place and manner |
| 7 | Fetch requests return 400 or 500 errors | Error in function declarations and logic | Project does not meet requirements | 3 | 5 | 15 | Use consistent naming convention to ensure system is cohesive down the chain of objects |