|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Likelihood | | | | |
| Very Low | Low | Medium | High | Very high |
| 1 | 2 | 3 | 4 | 5 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Likelihood | | | | |
| Incidental | Minor | Serious | Major | Catastrophic |
| 1 | 2 | 3 | 4 | 5 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Very low | Low | Medium | High | Very high |
| Incidental |  | 2 | 7 |  |  |
| Minor |  | 6 | 1 |  |  |
| Serious |  |  |  | 3 |  |
| Major | 8 | 4, 5 |  |  |  |
| Catastrophic |  |  |  |  |  |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| ID | Date | Description | Evaluation | Likelihood | Impact level | Response | Control Measures |
| 1 | 03/05/2022 | Merge conflicts | Loss some potential coding which might break the application | 3 | 2 | Save code in a separatee notepad file before merging code to git | Constantly push code to git and pull most up to date git file. |
| 2 | 03/05/2022 | Incorrect time estimation | Delay the project by task taking longer than initial estimate | 2 | 1 | Adjust user stories to improve the time estimates | Correctly estimate the time needed for each task. |
| 3 | 03/05/2022 | Mockito Knowledge | If this occurred, the testing using Mockito will not be correct | 4 | 3 | review the code to see where the errors are present and use online forums to help solve issue. | Review content on QA community and look for addition guides on the internet |
| 4 | 03/05/2022 | Hardware limitations | Computer would start to run slow and potentially blue screen which would cause a loss of work | 2 | 4 | Close any unnecessary programs, or upgrade the components | Keep all unnecessary programs closed to free up ram space |
| 5 | 03/05/2022 | Corrupt hard drive | Loss of local files | 2 | 4 | pull most recent git and continue, or use the a back up save if created. | Keep git file up to date by pushing files after each task has been completed |
| 6 | 03/05/2022 | Program fails | Program will fail test as it won’t be working | 2 | 2 | cross reference with customer starter class | don’t use code which is unfamiliar or not understood |
| 7 | 03/05/2022 | Loss of internet | Local internet becomes down, and cannot connect to internet | 3 | 1 | Use backup internet connection from phone | Have an emergency IPS present to allow for a swift switch in IPS. |
| 8 | 03/05/2022 | Developer falls ill | May be unfit to work causing project to be missed or completed to a low standard | 1 | 4 | Seek medical advice in order to return to work. | Stay healthy. |