***TABLE 1:***

*Displays a table showing the risk rating of potential risks that may arise during the project*

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| I  M  P  A  C  T | 5  EXTREME | 5 | 10 | 15 | 20 | 25 |
| 4  MAJOR | 4 | 8 | 12 | 16 | 20 |
| 3  MOD | 3 | 6 | 9 | 12 | 15 |
| 2  MINOR | 2 | 4 | 6 | 8 | 10 |
| 1  LOW | 1 | 2 | 3 | 4 | 5 |
|  |  | 1  RARE | 2  UNLIKELY | 3  POSSIBLE | 4  LIKELY | 5  CERTAIN |
|  |  | LIKELIHOOD | | | | |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **ID** | **RISK DESCRIPTION** | **CAUSE** | **EFFECT** | **RISK RATING** | | | **ACTION** |
| IMPACT | LIKELIHOOD | TOTAL |
| 1 | Contraction of COVID-19 virus | Contact with anyone who may have the virus by going out | May not be able to complete the project | 5 | 3 | 15 | Inform trainer and quarantine self as advised by medical professional |
| 2 | Running out of time | Poor time management | Project requirements not fully met | 5 | 4 | 20 | Ensure sprints are adhered to during working day. Plan efficiently |
| 3 | Technical difficulties | Internet connection issues, computer may crash whilst working | Set back on time depending on the situation | 5 | 1 | 5 | Email trainer as soon as possible |
| 4 | GCP server crashing | Google server related issue | Prevent the code from running CRUD | 5 | 1 | 5 | Could potentially use MySQL workbench if this arises however may be unlikely |
| 5 | Mental health issues | Pre-existing | Lack of motivation, tiredness | 5 | 4 | 20 | Take breaks regularly to prevent possibility of lack of motivation |
| 6 | Eye strain/headaches | Working on device for too long without taking breaks | Struggling to focus, finding it hard to see/work due to aches and pains | 5 | 4 | 20 | Take regular breaks and eat well |
| 7 | Poor communication | Not being in contact with the group during the working hours, group members not being in a call with each other | Do not keep up with schedule, complicated merge conflicts on GitHub | 5 | 2 | 10 | Stay in touch, keep up with meetings and remaining in group call |
| **UNFORSEEN RISKS WHILST WORKING ON PROJECT (SOCIAL AND TECHNICAL IMPACTS)** | | | | | | | |
| 8 | Frequency of errors | Code may not be written correctly | Slow down productivity/scheduled work day based on sprint | 3 | 4 | 12 | Go through each class to see any errors |
| 9 | GCP connection | Connected IP failed to work and it was difficult to figure out what the issue was as I was not able to enter data into tables | Set back rest of progress made | 1 | 4 | 4 | Whitelisting GCP connection again |
| 10 | Issues with displaying Selenium report | Compatibility issues | Set back some progress | 4 | 5 | 20 | Lots of trial and error (still didn’t work) |