IMS Risk assessment - End

# Key

**Occurrence Effect**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Never | Rare | Sometimes | Often | Constantly |
| 1 | **2** | **3** | **4** | **5** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| None | Minor | Moderate | Major | Severe |
| 1 | **2** | **3** | **4** | **5** |

**Risk Rating**

|  |  |  |  |
| --- | --- | --- | --- |
| Low | Medium | High | Critical |
| 1-5 | **6-10** | **11-15** | **16-20** |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| ID | Risk | Cause | Effect | Effect | Risk rating | Action |
| 1 | Not completing on time | Lack of or incorrect planning and preparation | Produced incomplete product | 4 | 17 | Time management utilised on JIRA however became not a priority though was not enough time for me to complete tasks. |
| 2 | Knowledge of JAVA and Software development techniques lacking | Lack of experience | Inability to meet project requirements for MVP | 5 | 20 | Did not use time over Christmas holidays and in the evenings will have to practice JAVA outside of work hours in future. |
| 3 | Trouble with SQL database | Incorrect setup for schema and GCP connection issues | Product failure if cannot access database or could result in faulty functionality | 3 | 9 | Relationships between tables and SQL commands not the biggest concern in the project and slightly overestimated. |
| 4 | Bugs in code | Junit testing not done or not enough coverage | May result in unanticipated or unasked for behaviour | 5 | 17 | Not enough time to do the testing due to working on functionality of product. Need to go over testing material. |
| 5 | Poor usage of version control | Incorrect usage causing work to be lost or causing work to be misplaced or not pushing enough and losing valuable work | Can affect time management of a project and could impact ability to complete other aspects of project. | 3 | 5 | Little progress made each session so pushing only needed to occur infrequently. |
| 6 | Technical issues | Problems with faulty laptop | Difficulty with working on eclipse or difficulty connecting to online instance | 4 | 7 | Due to faulty laptop backed up using git and USB successfully. Need to get better equipment. |