

| | Risk | Statement | Response | Objective | Likelihood | Impact |
|---|---|--|--|--|------------|--------|
| 1 | Prioritising tasks | If we focus on a feature which is not important we wont have the minimum viable product ready. | While working on the project minimum viable product should be main priority. | As a team we will work out which features are essential and which are desirable. We can then prioritise certain tasks. | 8 | 20 |
| 2 | The scope of the project might change | The client might add or change requirements for the project | Having a flexible plan so we can add/update as needed | we will make sure that our plan is well thought out and easily adjusted so if any changes were to happen we can implement them with ease | 12 | 16 |
| 3 | Code gets deleted | Code is deleted during our project | Use git for version control | Keep a record of code that can be copied | 15 | 20 |
| 4 | Database connection issue | we could have issues with connecting the project to the database server | figure out why the database isnt connected and try to fix it/make sure we are able to host the database somewhere else | Make sure users are able to connect to the database | 6 | 20 |
| 5 | Team member falls ill/can't complete work | A team member falls ill and is unable to work on the project | Create a plan following MoSCoW, report illness to supervisor | Complete the most important tasks first, leaving contingency time, inform supervisor so that they can make accomodations | 4 | 16 |
| 6 | Bugs in the code | The code we write has bugs that affect the running of our project | Create a test suite with high code coverage, use SonarQube | Ensure that code is well tested and checked for bugs, minimising the chance of major bugs affecting | 4 | 4 |
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| | | SEVERITY | | | | |
|------------|------------|----------|-------|----------|-------|--------|
| | | Minimal | Minor | Moderate | Major | Severe |
| LIKELIHOOD | Guaranteed | 5 | 10 | 15 | 20 | 25 |
| | Expected | 4 | 8 | 12 | 16 | 20 |
| | Likely | 3 | 6 | 9 | 12 | 15 |
| | Possible | 2 | 4 | 6 | 8 | 10 |
| | Unlikely | 1 | 2 | 3 | 4 | 5 |