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| Risk | Risk Statement | Response strategy | Objectives | Likelihood | Impact | Risk Level |
| Malfunctioning Cloud Database Instance | The database on the google cloud could stop working which would cause the whole project to fail as the whole backend is based on the google cloud database. | In case the google cloud database instance stops working, create a new instance and check if it is working, if not, link your backend with local SQL instance. | This will prevent your application from being non-functional. | Low | High | Low-to-Medium |
| Missing files in final submissions | The final submission could have important documents missing such as the risk assessment which will result in huge impact on the final marks. | Have a regular read of the assignment spec and ensure that everything is present in my repository and is being edited from the repository so it can keep tracking changes. | Repository keeps track of all your files once they’re inside the repository folder. | High | High | Medium-to-High |
| Deletion of the project | Project can get deleted by accident or might lose access to the project due to malfunctioning machine, which will result is loss of all the progress made on the project. | Backup regularly using cloud storage, physical storage devices or GitHub repository. | Allows you to always have access to your work. | Medium | High | Low-to-Medium |
| GitHub  Repo | Whilst pushing or pulling to/from the repository, wrong commands can end in deletion of the working source code or might make it useless. | Create a development branch where changes are pushed to and only merge to the master branch once the source code on the development branch is fully tested and is functional. | Reduces the likelihood of losing a working piece of code. | Medium | High | Medium-to-High |
| Incorrect database design | Incorrect use of table links (foreign keys) or attributes can cause the Java application to encounter errors or may limit it so it is not capable of implementing the required functionality. Could result in redesigning the entire database and editing Data Access Object’s methods. | After the creation of the tables, use SQL statements that would be used by the java app to ensure that the database tables are capable of performing the functionality required by the application. | Reduces he risk of re-designing the database. | Low | Medium | Medium-to-High |
| Poor planning or management | Using poor planning or project management strategies or tools could result in project failure by not meeting all the requirements in the given time. | Use Scrum (JIRA) to manage the entire project. | Provides means for a better project management | Medium | High | Medium |
| Incorrect interpretation of the project specification. | Interpreting the project spec incorrectly can result in the development of a completely different project to what was required. Could cause project failure | Carefully read the specification and double check with the client if there is some confusion. | Reduces the likelihood of producing the wrong project. | Low | High | Medium |