|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Description | Evaluation | Likelihood | Impact  Level | Responsibility | Response | Control Measure |
| Failed database connection | Unable to perform CRUD | Low | High | Developer | Attempt to reconnect to database | Regularly maintain database and review connection |
| Deployment of broken version on main branch | Program will not function correctly | Medium | High | Developer | Revert to a more stable version | Ensure versions are tested and deployed to development branch first |
| Test Errors | Code might not run and potentially not function | Medium | High | Developer | Check code frequently | Update code to a repo so that you can see the version control and can fix any errors or identify them easier |
| Inadequate Design | The design may not be suitable for the system | Low | Medium | Developer | Create ERD diagrams to visualize design | Frequently review the diagrams to see if following the right structure |

Risk Assessment

ERD

Diagram

Description automatically generated