# Risk Assessment for Atos Core Project

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| Description | Evaluation | Likelihood | Impact Level | Responsibility | Response | Control Measures |
| CRUD App cannot connect to database | Error connecting to SQL database | Low | High | Developer/ MySQL | Include DBconfig file | Ensure DB details in file are correct and database has been setup correctly |
| Overlapping data | Using CRUD may cause overlapping data such as the same id for 2 customers | Medium | Medium | User/  Developer | Make sure each id is unique | Set id to auto increment in the database |
| Bad commits might overwrite working code | Commits of untested/unfinished code may overwrite already working code in the repository | Medium | High | Developer | Utilise version control correctly | Follow continuous integration by using the feature-branch model, ensuring only working and finished code is pushed to the main branch |
| Tests do not work or have sufficient coverage | JUnit tests do not pass or may not have enough coverage of the code | Low | Medium | Developer | Create thorough tests and check coverage regularly | Ensure at least 60% coverage is achieved with testing |
| Jar build file does not run properly | Jar file may become corrupt or unable to run correctly | Low | High | Developer | Create build file correctly | Ensure the build file is only created and compiled when the project is completely finished |