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| **Risk** | **Impact** | **Likelihood** | **Resolution** |
| Project is too big or complex | Major | Rare (10%) | Break down the big problem with smaller steps |
| Poor Developer knowledge/capability leads to delays | Moderate | Rare/Unlikely (1%-30%) | A session to practice and study the foundation of the language in free time |
| Temporary loss of project author | Major | Rare (10%) | Reduce workload by simplifying the data |
| Loss of project supervisor (due to change of employment) | Major | Rare (10%) | Arrange for an alternative project supervisor |
| IntelliJ does not support the JDBC | Major | Unlikely (30%) | Switch to a different IDE, switch to different programming language |
| The server is not stable or does not support all the function and database | Major | Unlikely (30%) | Switch to a different server, switch to a different programming language. |
| GCP does not host the MySql database | Major | Unlikely (30%) | Change the platform to local or other cloud provider |