

# Problem-Solving

**Define Problem:** Use of the database the local device which makes it not possible to share it with other team member

**Identify Strategies:** Our team held meeting to discuss the problem and the strategies the team came up with was to either use google cloud sql or amazon.

**Propose Solution/ Hypothesis:** Moving the database to google cloud sql as it is sharing the database with the team and makes it possible for the team to view and edit the database

**Evaluate potential solution:** We were more familiar of using google cloud then amazon.

Our team had multiple solution for this problem. One of the solution was using Amazon. Amazon database service is fully managed and can be launch in a minutes, much faster. But the risk was: our team was not very familiar and confined to use this service therefore we said no to this solution.

Our second solution was using the google cloud SQL database. This service is easier to use, setup, maintain. Our team was much confident to use this option due to more details we found during research. The risk that we had for this option was credit price, we were charged to use this database but our team agreed to this option to solve the problem.

**Implement solution:** Our solution implementation was to setup Google Cloud SQL and get connected to database. For setting up the google cloud sql, the team had to create a project instance. The google cloud and sql which was in xampp needed to be connected. The team had to move all the previously done database and table to the google cloud for everyone to use and edit.

**Evaluate Outcome:** Using google cloud sql was a right option as well as it was easy to implement and setup.