Deliverable 2 - Database Project

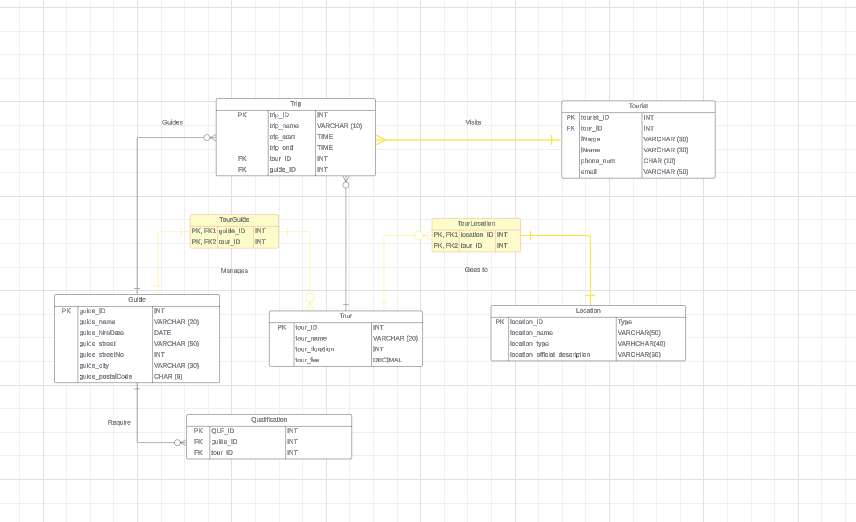
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Changes Made – Deliverable 1

***Crow’s Foot ERD: Initial Conceptual Database Design***

***A screenshot of a computer program

Description automatically generated***

***Crow’s Foot ERD: After Mapping the Relationship***

*A screenshot of a computer

Description automatically generated****Logical Schema***

*Modified Changes:*

After reviewing the comments from Deliverable 1, we made two new tables to fix the N:M relationships. Firstly, we made a table called TourGuide, which has a 1:1 relationship with Guide and a 1:M relationship with Tour. Secondly, we made a table called TourLocation, which has a M:1 relationship with Tour and a 1:1 relationship with Location.

Then we removed any unnecessary foreign keys in our entities. We removed tour\_ID in Guide and guide\_ID in Tour. We also fixed the relationship for the Tourist entity; we moved the relationship from Tourist to Tour. It got moved to Tourist to Trip, since one tourist will make many trips.

*Normalization Steps:*

*Teamwork Summary:*

*Difficulties We Faced:*