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Lab Assignment 3 - SQL Foundations

Instructions

1. Answer the below question in the boxes.
2. Please submit the assignment through TalentLabs Learning System.

CRUD

1. Which 4 operations does C, R, U, D stand for?

> C – Create
> R – Read
> U – Update
> D – Delete

2. Which 5 SQL keywords that are related to CRUD operations.

> 1. SELECT
> 2. CREATE
> 3. DELETE
> 4. UPDATE
> 5. INSERT INTO

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3. Consider a messaging app (e.g. Whatsapp). Which app functions can lead to CRUD operations? Suggest at least one app function for each CRUD operation.

> Create – Create new message in a chat
> Read – Obtain previous message from a chat
> Update – Edit and update the profile status or profile picture
> Delete – Delete the message from a chat

SQL Data Types

1. Imagine you are building a Whatsapp like app. Name two data fields and the corresponding SQL data types which would be used for storing records of chat messages.

> 1. Message, Data type = TEXT
> 2. Time, Data type = DATETIME

2. Name a data type that's not available in SQLite.

> Boolean

3. For the data type that's not available in SQLite, what would we use as a replacement? And how?

> SQLite use integer as a replacement.
> In SQLite, 0 as False and 1 as True

- End of Assignment -