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?

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| 1. C = create  2. R = read  3. U = update  4. D = delete |

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

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

Background pattern

Description automatically generated with medium confidence

1. 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.

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| 1. C = sent message  2. R = message content  3. U = edit message  4. D = delete message |

## 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.

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| 1. date and time = DATETIME  2. chat = TEXT |

1. Name a data type that’s not available in SQLite.

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| Boolean |

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

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| Use integer 0 and 1. 0 means false and 1 means true |

**- End of Assignment -**