**22nd Day Internship Report**

**Date:** 1 July 2025  
**Topic:** Introduction to SQL Queries, Applications, and MySQL Installation

On the 22nd day of our internship, we were introduced to the fundamentals of **SQL (Structured Query Language)**. SQL is a standard programming language used for managing and manipulating **relational databases**.

**Key Learnings:**

1. **Introduction to SQL Queries:**
   * SQL is used to create, read, update, and delete data (commonly known as CRUD operations).
   * Basic SQL commands include SELECT, INSERT, UPDATE, DELETE, and CREATE.
   * Syntax and structure of queries were explained using simple examples.
2. **Applications of SQL:**
   * SQL is widely used in web development, data analysis, business intelligence, and database administration.
   * Popular companies like Facebook, Google, and Amazon use SQL to manage user data and transactions.
   * SQL supports integration with many programming languages such as Java, Python, PHP, etc.
3. **How to Download and Install MySQL:**
   * We learned how to download **MySQL Installer** from the official website.
   * The installation included components like **MySQL Server** and **MySQL Workbench**.
   * Steps included setting up a root password, choosing the configuration type, and testing the connection.
   * We successfully launched MySQL Workbench and verified the installation.

**Conclusion:**

The session provided a strong foundation in SQL and its real-world applications. We now understand the importance of SQL in managing data efficiently. Learning how to install MySQL equips us with the tools needed for upcoming hands-on practice and database projects.