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Integration and Configure Model for Project

SQLite is built straight into python and should be the easiest database to use for that language. Because of becoming familiar with SQLite’s python implementation, It would make sense to also use it for cpp and java. You must install SQlite onto the machine for both cpp and java before the libraries can be used.

[Introduction to SQLite in Python - GeeksforGeeks](https://www.geeksforgeeks.org/introduction-to-sqlite-in-python/)

For installing SQLite on Java:

[SQLite - Java (tutorialspoint.com)](https://www.tutorialspoint.com/sqlite/sqlite_java.htm)

For cpp:

[SQLite - C/C++ (tutorialspoint.com)](https://www.tutorialspoint.com/sqlite/sqlite_c_cpp.htm)

After installing:

In cpp the databases can be accessed by creating a pointer object sqlite3 and modified using methods like sqlite3\_open()

In java the databases are created using

Class.forName("org.sqlite.JDBC");

c = DriverManager.getConnection("jdbc:sqlite:test.db");

and modified with something like

sql = "INSERT INTO COMPANY (ID,NAME,AGE,ADDRESS,SALARY) " +

"VALUES (2, 'Allen', 25, 'Texas', 15000.00 );";

stmt.executeUpdate(sql);

They all follow a similar way of first connecting to the database and then using an execute method.

**Maybe dive a little into how to fetch and print data from a database since you already have how to make them and edit them. Or connect back to how we can integrate this into our UI from the user perspective (Andrew)**