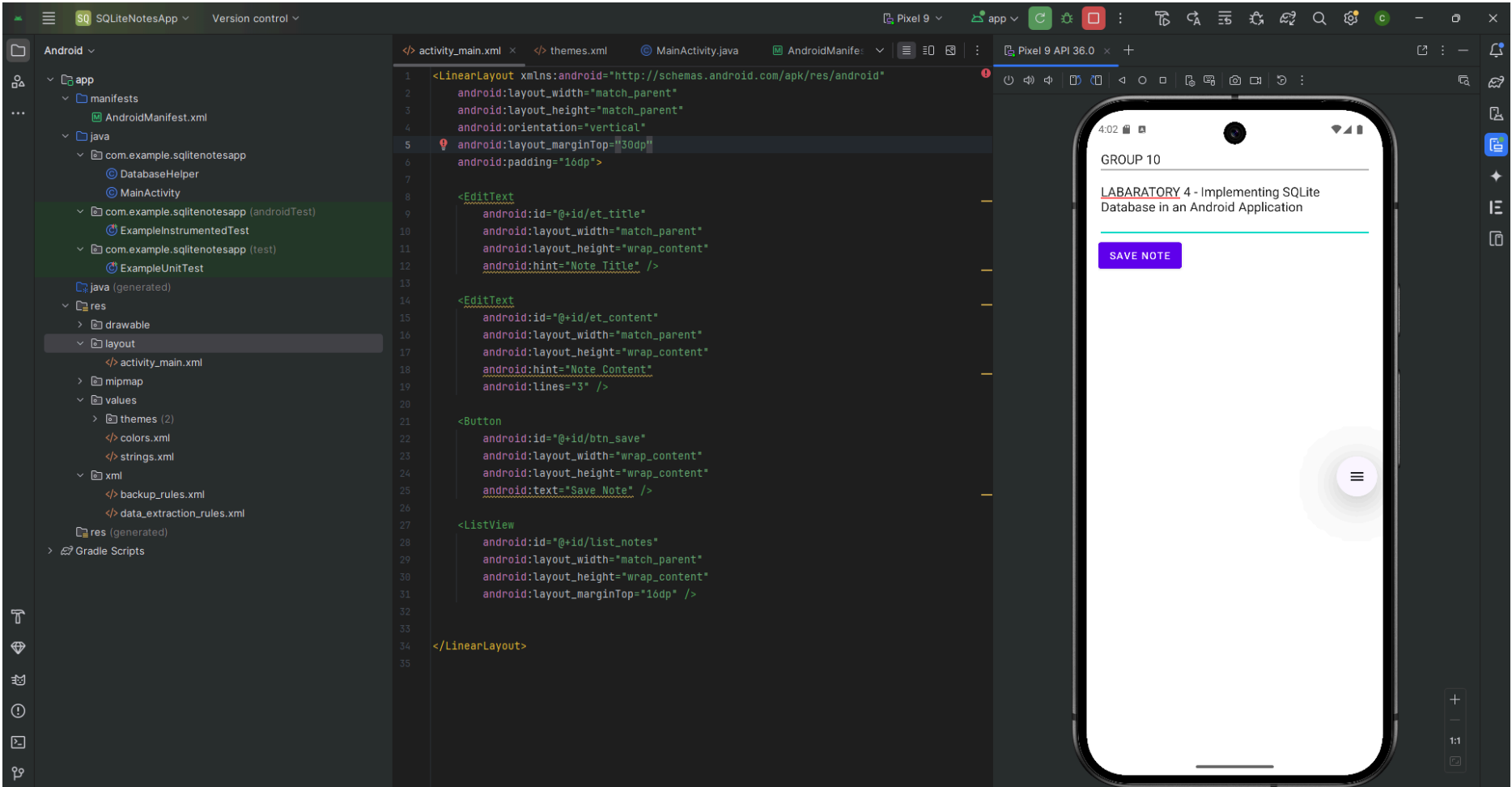
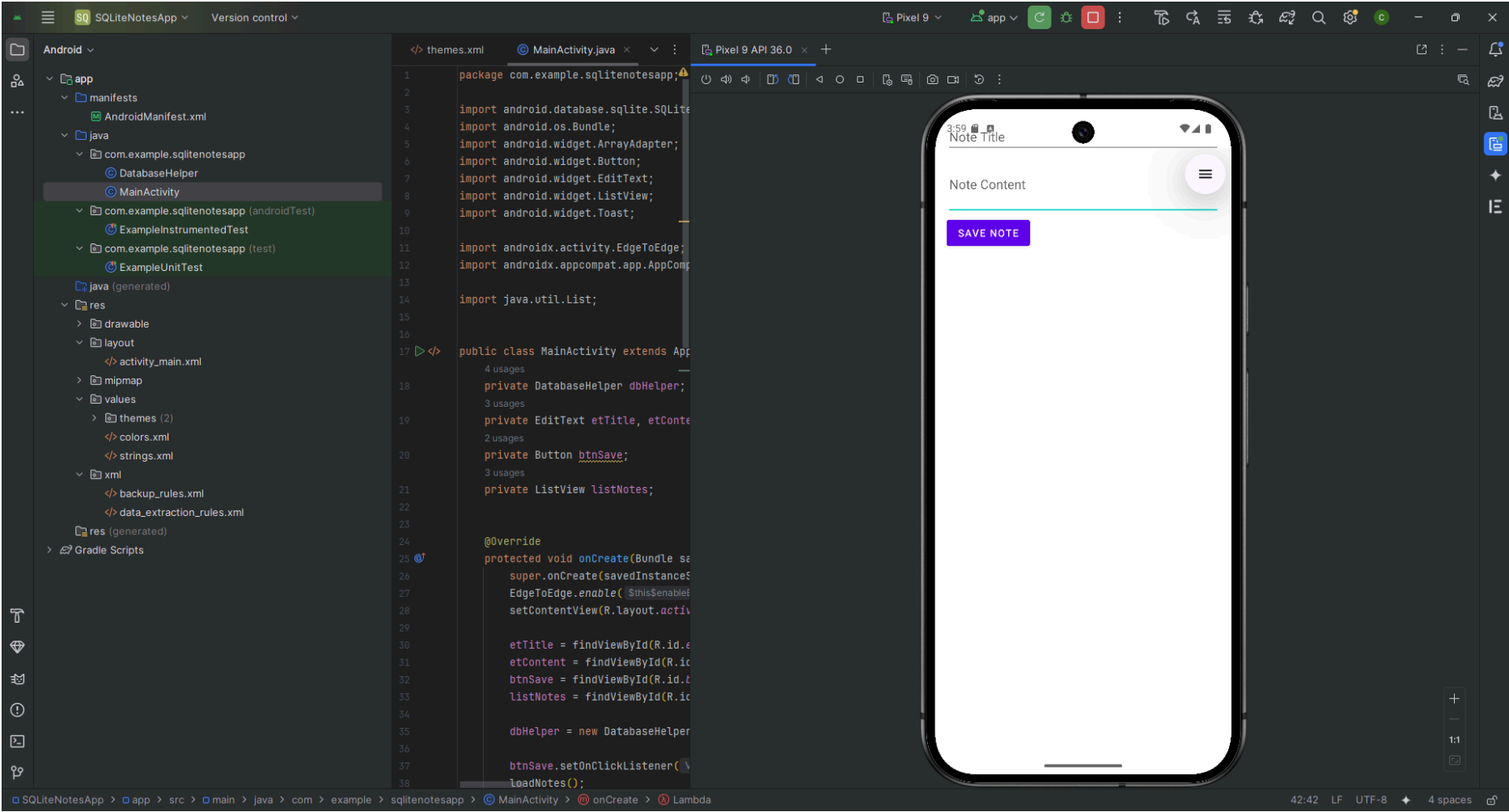
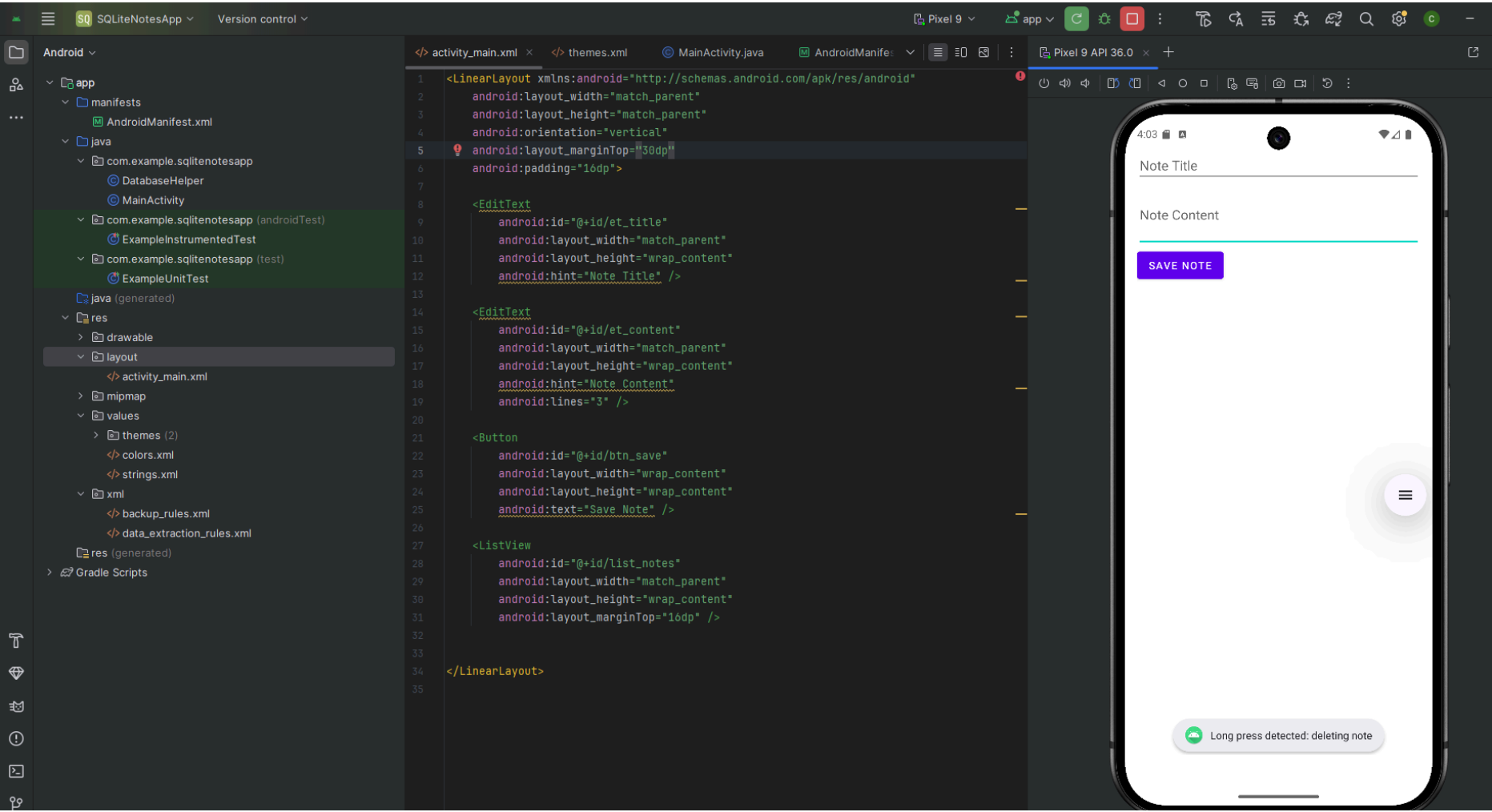
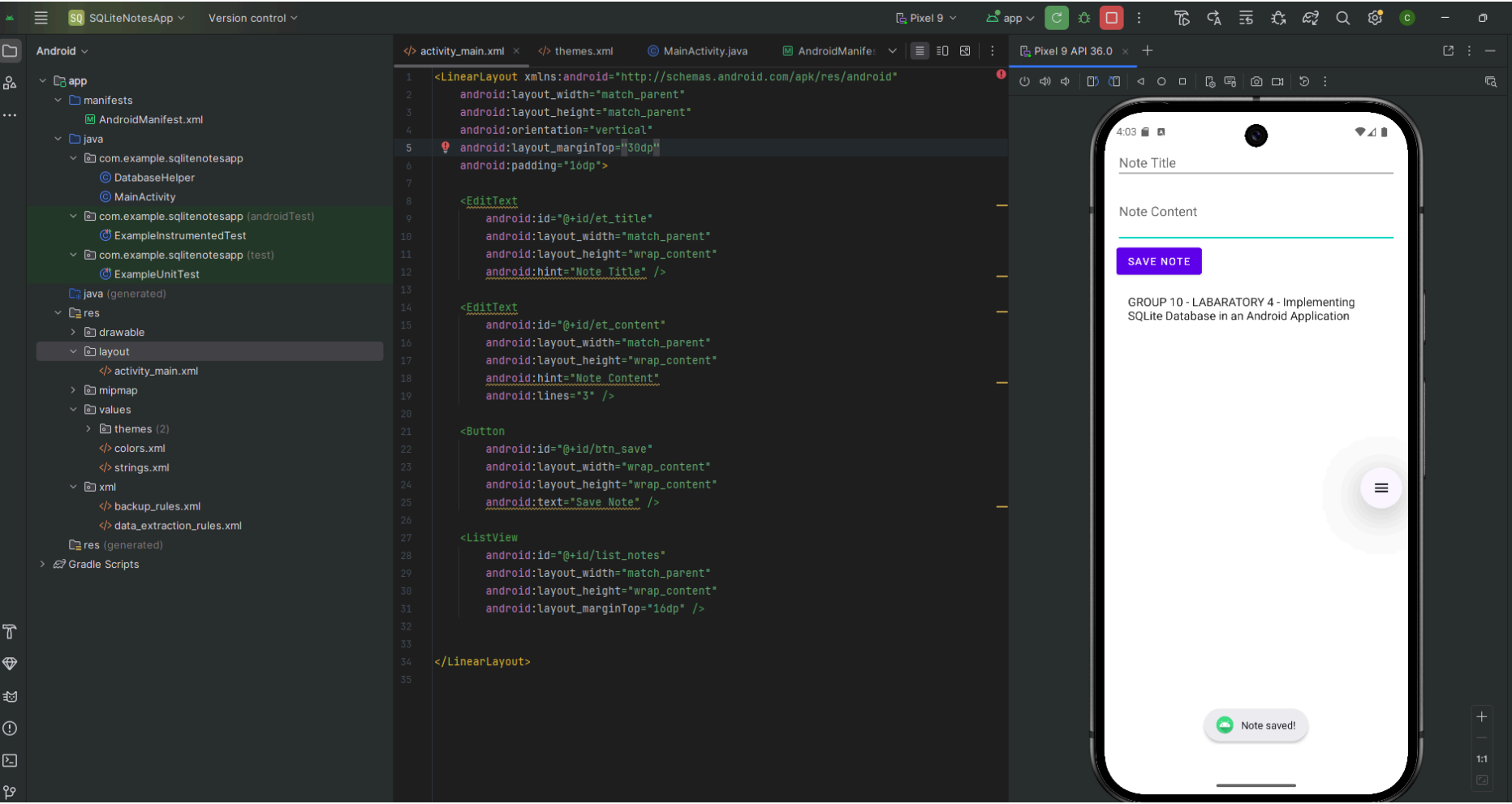


GROUP 10 / BSIT 3D Lb #4

Implementing SQLite Database in an Android Application

Screenshots of your running app





Guide Questions:

1. **What is the purpose of the `SQLiteOpenHelper` class?**

The `SQLiteOpenHelper` class helps manage database creation and upgrading, making it easier to open and maintain an SQLite database in an Android app.

2. **Explain the difference between `getReadableDatabase()` and `getWritableDatabase()`.**

`getReadableDatabase()` provides a read-only database when writing isn't possible, while `getWritableDatabase()` provides full read-and-write access for inserting, updating, or deleting data.

3. **Why is it important to close the `Cursor` and `SQLiteDatabase` objects?**

It is important to close the `Cursor` and `SQLiteDatabase` objects to prevent memory leaks, free system resources, and avoid database locks that could crash the app.

4. **How does the `ContentValues` class simplify data insertion?**

The `ContentValues` class simplifies data insertion by allowing developers to store values as key-value pairs without writing raw SQL insert statements.

5. **What improvements can be added to make this app more user-friendly?**

The app can be made more user-friendly by adding clear UI elements, error messages, search features, confirmation dialogs, and smoother feedback like Toast messages.