

2023 – Lab Exam 04
Report

Student ID	IT22272454
Batch	Y2.S2.WD.IT.08-02
Marks	
1. Task Management Interface (1.5 marks)	
2. SQLite Database Integration (1.5 marks)	
3. Kotlin Coroutines (1.5 marks)	
4. ViewModel Architecture (1.5 marks)	
5. User Interaction (1.5 marks)	
6. Enhancements (1 mark)	
7. Viva (1.5 marks)	
Total: 10 Marks	
Evaluator	

Description:

Stay organized and on top of your tasks with our intuitive To-Do app. Create, set up, and rank your daily activities with ease. With our slick and intuitive UI, you can maximize your productivity for both personal and business tasks. Get it now to begin effortlessly completing your to-do list."

□ Highlights of the Notes App:

Create Task: New tasks can be created by users by providing the name of the task and it's priority.

Read Task: Users can see every task they have entered.

Update Task: Users are able to change the task's name and the priority that they previously entered.

Delete: Tasks can be deleted by users if they are no longer needed.

- The Notes App's Basic Structure:

Main Activity: This is where the application enters. The user can do CRUD operations and see a list of all notes displayed.

Task Activity: Creating or altering Task notes is done with this. Text fields are present for the title and content of the message.

SQLite Database Helper: This class controls how notes are created, read, updated, and deleted in a SQLite database.

Task Model Class: This class embodies the elements that make up a Task, such as its name and priority.

- CRUD Tasks:

Create Task (C):

Allow users to input task details such as Task name and priority.

When the user submits the task, store it in the database or local storage with a unique identifier.

Display the newly created task in the task list UI.

Read Task (R):

Retrieve tasks from the database or local storage when the app loads or when the task list view is accessed.

Display all tasks in the task list UI, showing relevant details Task name and Priority.

Update Task (U):

Allow users to edit existing tasks by selecting them from the task list.

Display a form or modal with pre-filled task details for the user to modify.

When the user submits the changes, update the corresponding task entry in the database or local storage with the new information.

Refresh the task list UI to reflect the updated task details.

Delete Task (D):

Provide an option for users to delete tasks individually.

Allow click the delete button to delete the task.

Git Repository:

<https://github.com/OshadiJayananda/NoteApp-SQLite.git>

Screenshots:









