Project 3

This document is for the assignment description:

1. GitHub Repository (20 points)

Finished

Public repository with meaningful name
Professional README.md including:
- App description and purpose
- Installation and setup instructions
- Feature list with screenshots
- Technology stack used
- Demo GIF or video (required)
- Future development roadmap
- Contact information

2. Version Control Requirements (15 points)

Finished however, not many commits because we had a short timeframe for this project.

- **Meaningful commits** showing incremental development
- Commit messages must be descriptive and professional
- **No commits predating May 26, 2025** (semester start)
- Clear branching strategy (if applicable)
- Proper *.gitignore* file for Android projects

3. Technical Implementation (40 points)

Done, shown on demo video link.

Here are 6 features I included in development:

Interactions & Activities (app launch, button clicks)

View Models (UI state with TaskListViewModel)

Intents (share intents)

Fragments, Recycler Views & Layouts (all screens use Fragments and RecyclerView)

Databases, Navigation & Dialogs (Room Database)

Implicit Intents (sharing tasks)

- App must successfully run on **Android Studio Pixel 9 emulator**
- Must implement **minimum 6 course topics** as proposed
- Clean, well-commented code following Android best practices
- Responsive UI design for different screen sizes
- **Working core features** as defined in proposal

4. Documentation & Demo (15 points)

I did a demo video and its in the README

- **Demo GIF or video** showing key features (max 2 minutes)
- Screenshots of all major app screens
- **Feature documentation** clearly listing:
  - Currently working features
  - Known issues or limitations
  - Future planned features
  - API documentation (if applicable)

5. Code Quality & Architecture (10 points)

Done

- Proper separation of concerns
- Use of appropriate design patterns
- Efficient resource management
- No memory leaks in key functionality
- Proper handling of Android lifecycle

Submission Guidelines

- **Submit**: GitHub repository URL only.
- **Final check**: Ensure repository is PUBLIC and all requirements are met.