

Projects Task Management

Calendar Integration and Roadmap Feature

Overview

The Android app has been enhanced with two new features: Calendar Integration and Filtering Features. These features allow users to monitor and remind about upcoming projects and tasks, as well as view the progress and timelines of their projects.

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Getting Started

Prerequisites

Before you begin, ensure you have the following installed:

- Android Studio Arctic Fox or higher
- Gradle 7.0 or higher
- Kotlin 1.5 or higher

Installation

1, Clone the repository

<https://github.com/st10092354/OPSC7311-Discontinuation.git>

2. Open the project in Android Studio

- Navigate to the project directory and open the *build.gradle.kts* file.

3. Build the project:

- Click on `Build > Rebuild Project` to restore dependencies.

4. Run the application:

Click on the `Run` button.

The application will be installed and launched on your connected Android device or emulator.

Calendar Integration

The Calendar Integration feature allows users to select dates to their projects and tasks. This makes it easier for them to sort, filter, and easily view their tasks as they want. Filters include: ascending and descending order of the project creation date; sorting tasks according to their assignments (In Progress, Completed, and To Do).

Features

The Features allows users to view the progress and timelines of their projects in an organised way. This includes a list projects, a progress bar to show overall progress, and a button to add new projects.

It allows users to create projects, in their projects they can create tasks and categorise them for easier viewing, and

Troubleshooting

If you encounter issues, check the error messages displayed on the screen and ensure accurate data entry for projects and tasks. For persistent problems, clean and rebuild the project:

Clean Project: "Build -> Clean Project"

Rebuild Project: "Build -> Rebuild Project"

GitHub Link: <https://github.com/st10092354/OPSC7311-Discontinuation.git>

side note: running the app crashes quite frequently, but the source code is still readable and

maintainable. I have used GitLFS to try and upload the files that were too large to commit to GitHub.

[[This is an amendment to the original document.]] Due to files being too large for GitHub, I attempted to send it through via the VC Learn submission upload.