

Project Title: Goal Setter

Overview:

The Goal Setter app is a productivity application designed for iOS devices using Swift. The app will allow users to create, edit and delete their to-do lists along with prioritizing and setting due dates for each task.

Project Objectives:

The primary objective of the project is to create an intuitive and user-friendly to-do list app that is easy to use and helps users to manage their daily tasks effectively. The key objectives of the project are as follows:

1. Allow users to add, edit, and delete tasks.
2. Allow users to prioritize tasks using high, medium, and low options.
3. Allow users to set due dates for each task.
4. Adding notification for task
5. Separating them on the basis of tag(categories)
6. Provide a simple and intuitive user interface.
7. Ensure a smooth user experience with no lag or delay in response.

Technical Details:

The app will be built using Swift and will leverage the native features of iOS devices. The app will utilize a data model to store the user's tasks, priorities, and due dates. The data model will be integrated with a table view to display the user's tasks in a list.

The app will use the following technologies:

1. Swift Programming Language
2. Xcode Development Environment
3. UIKit Framework
4. Core Data Framework

Features:

1. Add Task: Users can add a new task by entering a task name, selecting a priority level and setting a due date.
2. Edit Task: Users can edit an existing task by clicking on it and making changes to its name, priority, or due date.
3. Delete Task: Users can delete a task by swiping left on the task in the list and clicking on the delete button.
4. Priority Levels: Users can prioritize their tasks using high, medium, or low options.
5. Due Dates: Users can set due dates for their tasks by selecting a date from the date picker.
6. Notification: Will display notification for task created

User Interface:

The app will have a simple and intuitive user interface. The main screen of the app will display the user's tasks in a list format. The user can add a new task by clicking on the "Add" button, which will take the user to the next page which will have text fields for entering the task name, selecting a priority level, and setting a due date. The user can edit a task by clicking on the information(detail), which will take the user to the next page which will have text fields for editing the task name, priority level, and due date. The user can delete a task by swiping left on the task in the table view and clicking on the delete button.

Deliverables:

The following deliverables will be provided at the end of the project:

1. Goal Setter App for iOS Devices
2. Source Code
3. User Manual
4. Project Documentation