

How to Use this Template

1. Make a copy [File → Make a copy...]
2. Rename this file: “**Capstone_Stage1**”
3. Replace the text in green

Submission Instructions

1. After you’ve completed all the sections, download this document as a PDF [File → Download as PDF]
2. Create a new GitHub repo for the capstone. Name it “**Capstone Project**”
3. Add this document to your repo. Make sure it’s named “**Capstone_Stage1.pdf**”

[Description](#)

[Intended User](#)

[Features](#)

[User Interface Mocks](#)

[Screen 1](#)

[Screen 2](#)

[Key Considerations](#)

[How will your app handle data persistence?](#)

[Describe any corner cases in the UX.](#)

[Describe any libraries you’ll be using and share your reasoning for including them.](#)

[Next Steps: Required Tasks](#)

[Task 1: Project Setup](#)

[Task 2: Implement UI for Each Activity and Fragment](#)

[Task 3: Your Next Task](#)

[Task 4: Your Next Task](#)

[Task 5: Your Next Task](#)

GitHub Username: sttony

Goals and Todo

Description

There are many todo apps. But I didn’t find one can match my requirement. There are two kind of tasks. One is a short term task, such as shipping list. The other is a long term task. For instance, John has a long term exercise plan, running 5km* 60 in 6 months.

Intended User

Everyone.

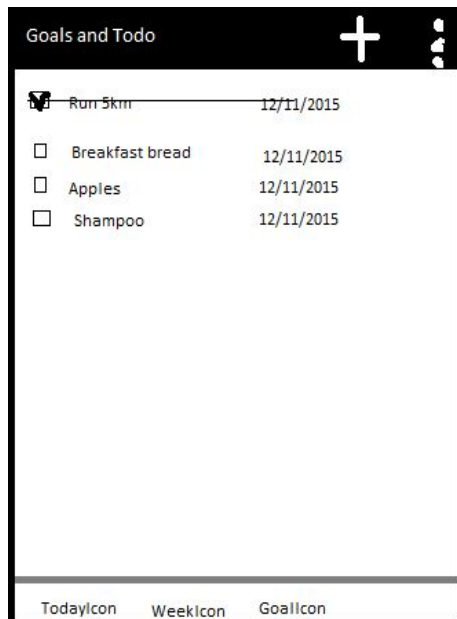
Features

- Add task item
- Add goal item.
- Auto generate task items regarding goal item.
- Set notification reminder for task.
- Set hard deadline and soft deadline for task.
- auto adjust priority for tasks.
- export task list to google sheets.

User Interface Mocks

These can be created by hand (take a photo of your drawings and insert them in this flow), or using a program like Photoshop or Balsamiq.

Screen 1

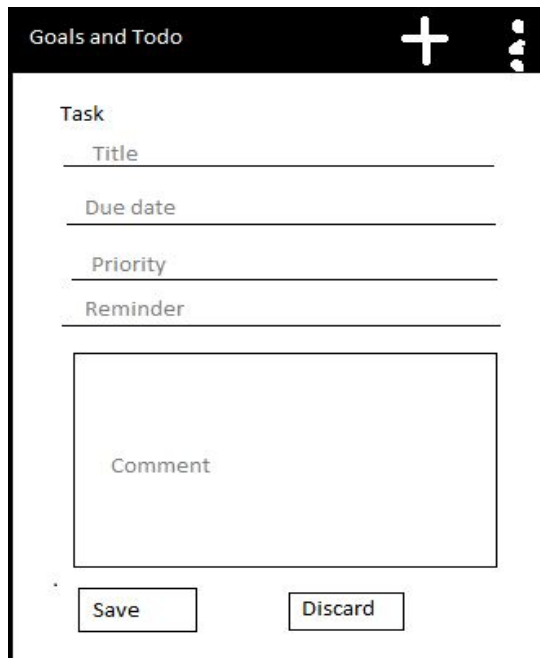


Home scree.

- User can switch to Today/Week/Goal view.
- User can click + to add a task item.
- User can use Add Goal menu to add Goal

- User can click checkbox to complete task.

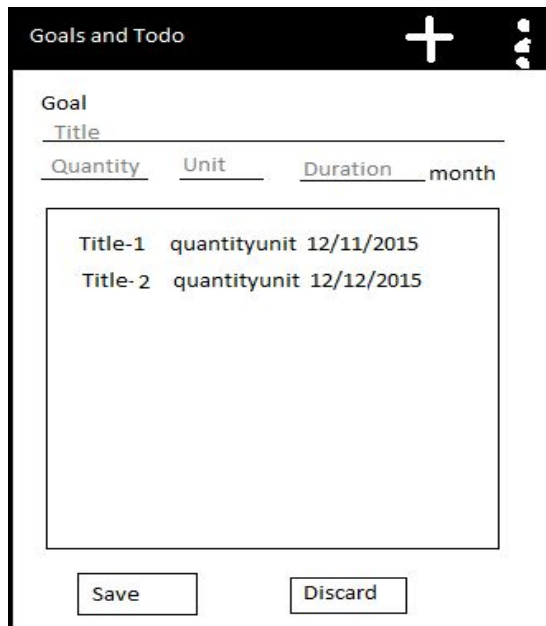
Screen 2



Screen 2 is a form titled "Goals and Todo" with a plus icon and a menu icon in the top right corner. The form is divided into two main sections: "Task" and "Comment". The "Task" section contains four input fields: "Title", "Due date", "Priority", and "Reminder". The "Comment" section is a large text area. At the bottom of the form are two buttons: "Save" and "Discard".

Add task.

Screen 3

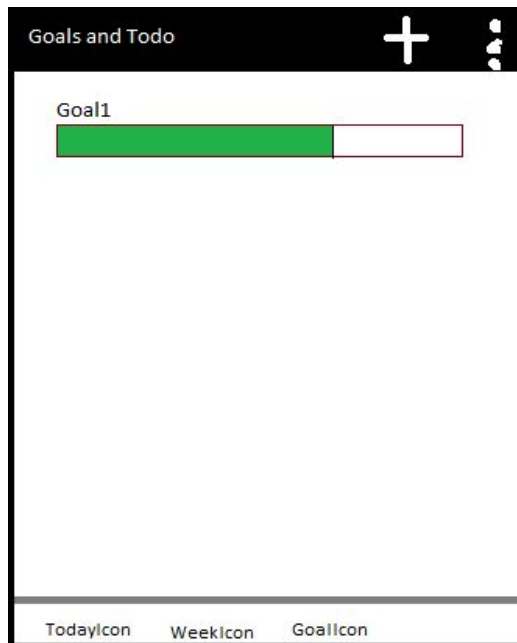


Screen 3 is a form titled "Goals and Todo" with a plus icon and a menu icon in the top right corner. The form is divided into two main sections: "Goal" and "Preview". The "Goal" section contains three input fields: "Title", "Quantity", and "Unit", followed by a "Duration" field with a "month" label. The "Preview" section is a large text area showing a list of goals. At the bottom of the form are two buttons: "Save" and "Discard".

Title-1	quantityunit	12/11/2015
Title-2	quantityunit	12/12/2015

- User can add Goal
- User can preview task for this goal.

Screen 4



- User can check progress of Goals.

Key Considerations

How will your app handle data persistence?

1. A content provider will be added.
2. No sync feature will be provided. That's mean, no permission for cloud account is needed. Only expert feature will be provided, only create file permission is needed.

Describe any corner cases in the UX.

1. If Task or Goal is not saved yet, and user click return button, a dialog will be popup.

Describe any libraries you'll be using and share your reasoning for including them.

N/A

Next Steps: Required Tasks

This is the section where you can take the main features of your app (declared above) and decompose them into tangible technical tasks that you can complete incrementally until you have a finished app.

Task 1: Project Setup

- Create GitHub project.
- Create empty project, add AppCompt, Googleservice support.

Task 2: Implement UI for Each Activity and Fragment

- Build UI for MainActivity
- Build UI for AddTask
- Build UI for Add Goals
- Build UI for Today view
- Build UI for Week view.
- Build UI for Goal View.
- Build UI for Settings.

Task 3: Create Content provider

- Create data contract and table.
- Add data helper
- Add unit test

Task 4: Add reminder service

- Create service for reminder.
- Create notification

Task 5: Add feature to export to Google sheets

:

- Implement login and access
- Implement write to create and write sheets.

Add as many tasks as you need to complete your app.

Submission Instructions

1. After you've completed all the sections, download this document as a PDF [File → Download as PDF]
2. Create a new GitHub repo for the capstone. Name it "**Capstone Project**"
3. Add this document to your repo. Make sure it's named "**Capstone_Stage1.pdf**"