How to Use this Template

1. Create a new document, and copy and paste the text from this template into your new document [Select All → Copy → Paste into new document]
2. Name your document file: "**Capstone_Stage1**"
3. Replace the text in green

GitHub Username: EsraaKhaled94

Pill Reminder

Description

Have you ever forget to take your medicine in time, that's the right application to help you, this application allows you to enter medication and how many time you should take per day, and when you should take one it will automatically send a notification so you take your medicine and you should enter the time you took it or specify that you just took it.

Intended User

This app is for patients who need a reminder about their medicine.

Features

List the main features of your app. For example:
• Saves bill information (name, last time you take it, time when you should take it, Medicine type).

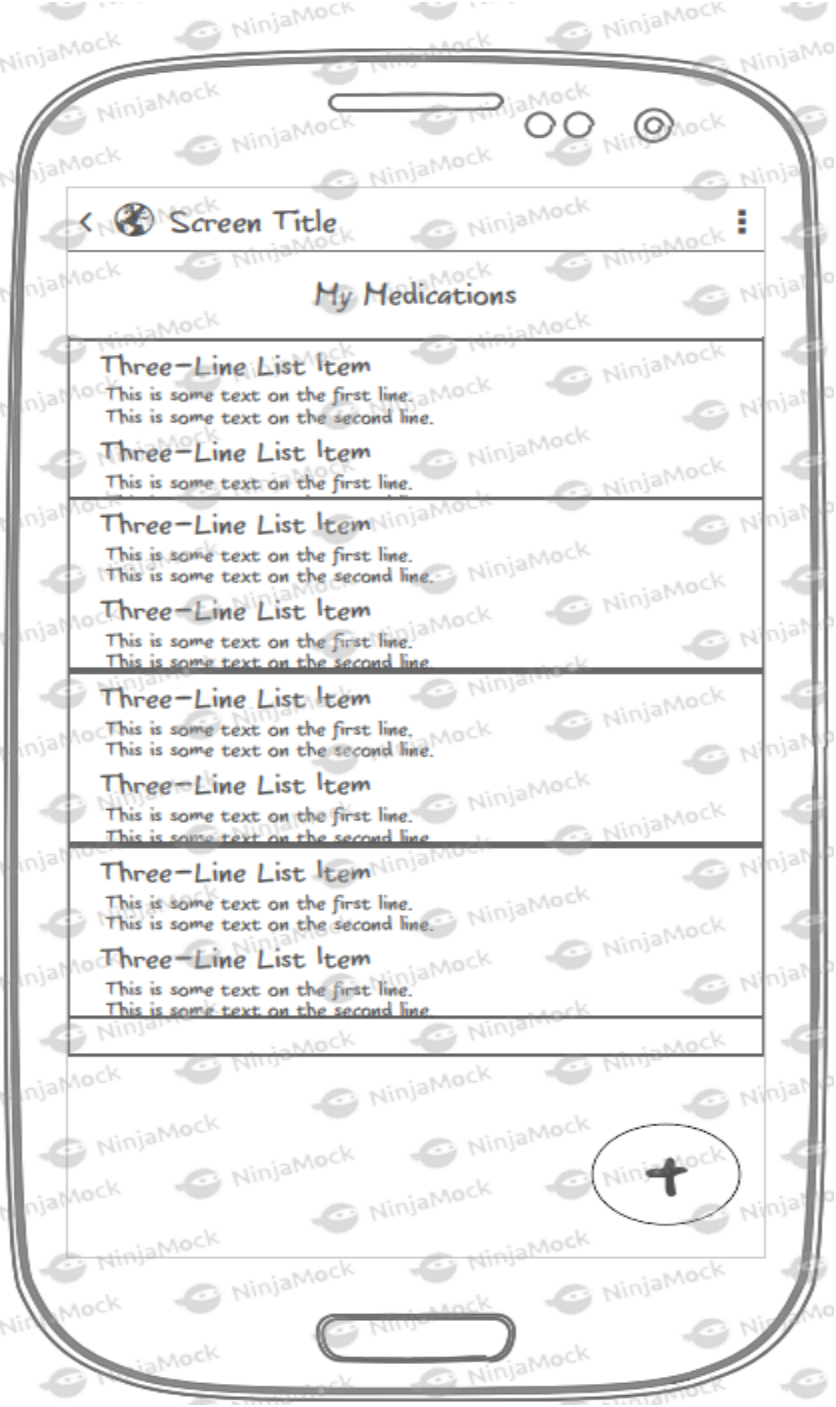
• Add a new medicine.
• List all medicine that you currently take.
• Mark a medicine as not needed when you finish doctor course.

User Interface Mocks

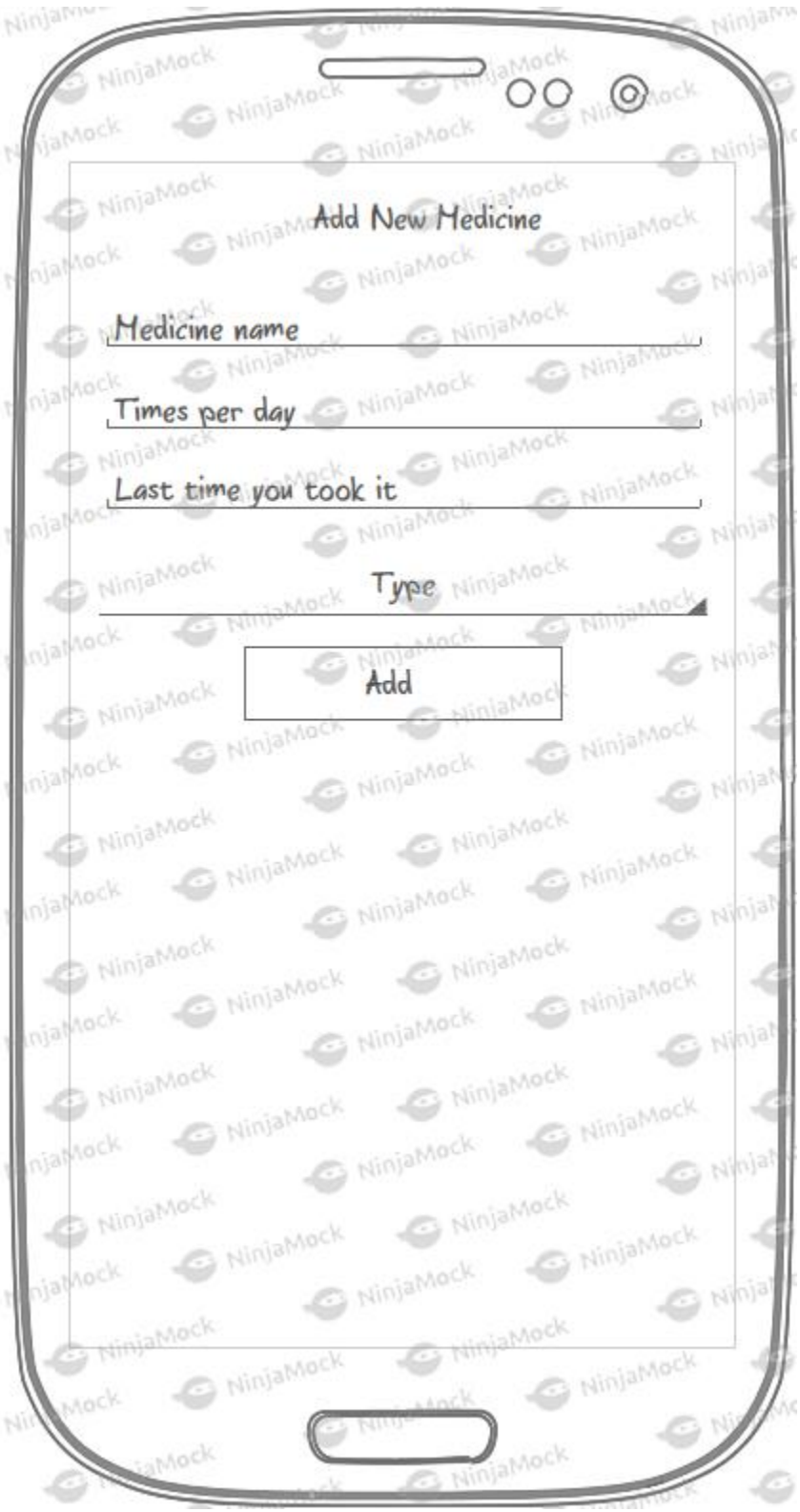
These can be created by hand (take a photo of your drawings and insert them in this flow), or using a program like Google Drawings, www.ninjamock.com, Paper by 53, Photoshop or Balsamiq.

Screen 1

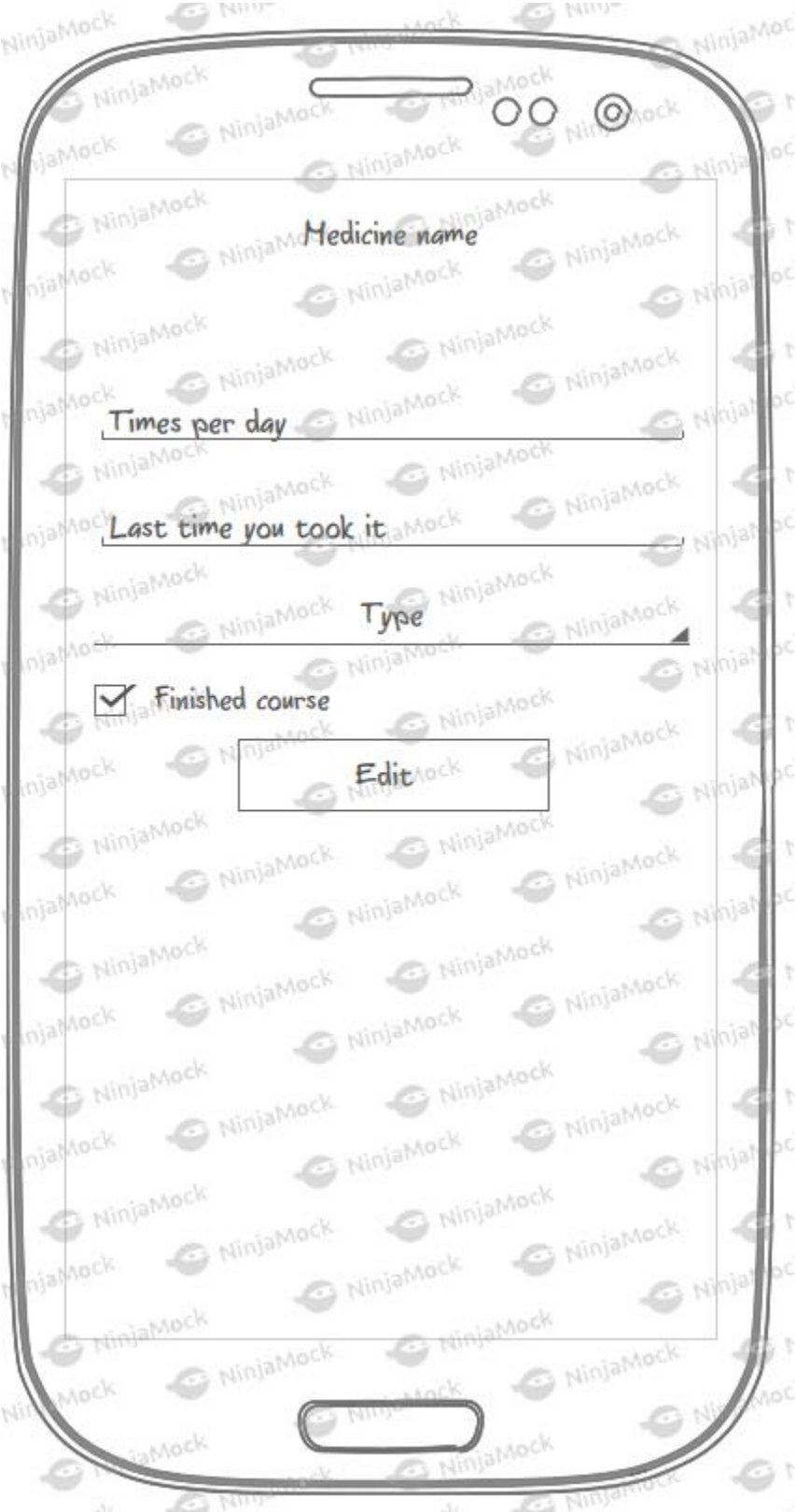
Screen 2


Screen Title
My Medications
Three-Line List Item
This is some text on the first line.
This is some text on the second line.
Three-Line List Item
This is some text on the first line.
Three-Line List Item
This is some text on the first line.
This is some text on the second line.
Three-Line List Item
This is some text on the first line.
This is some text on the second line.
Three-Line List Item
This is some text on the first line.
This is some text on the second line.
Three-Line List Item
This is some text on the first line.
This is some text on the second line.
Three-Line List Item
This is some text on the first line.
This is some text on the second line.
Three-Line List Item
This is some text on the first line.
This is some text on the second line.
Three-Line List Item
This is some text on the first line.
This is some text on the second line.

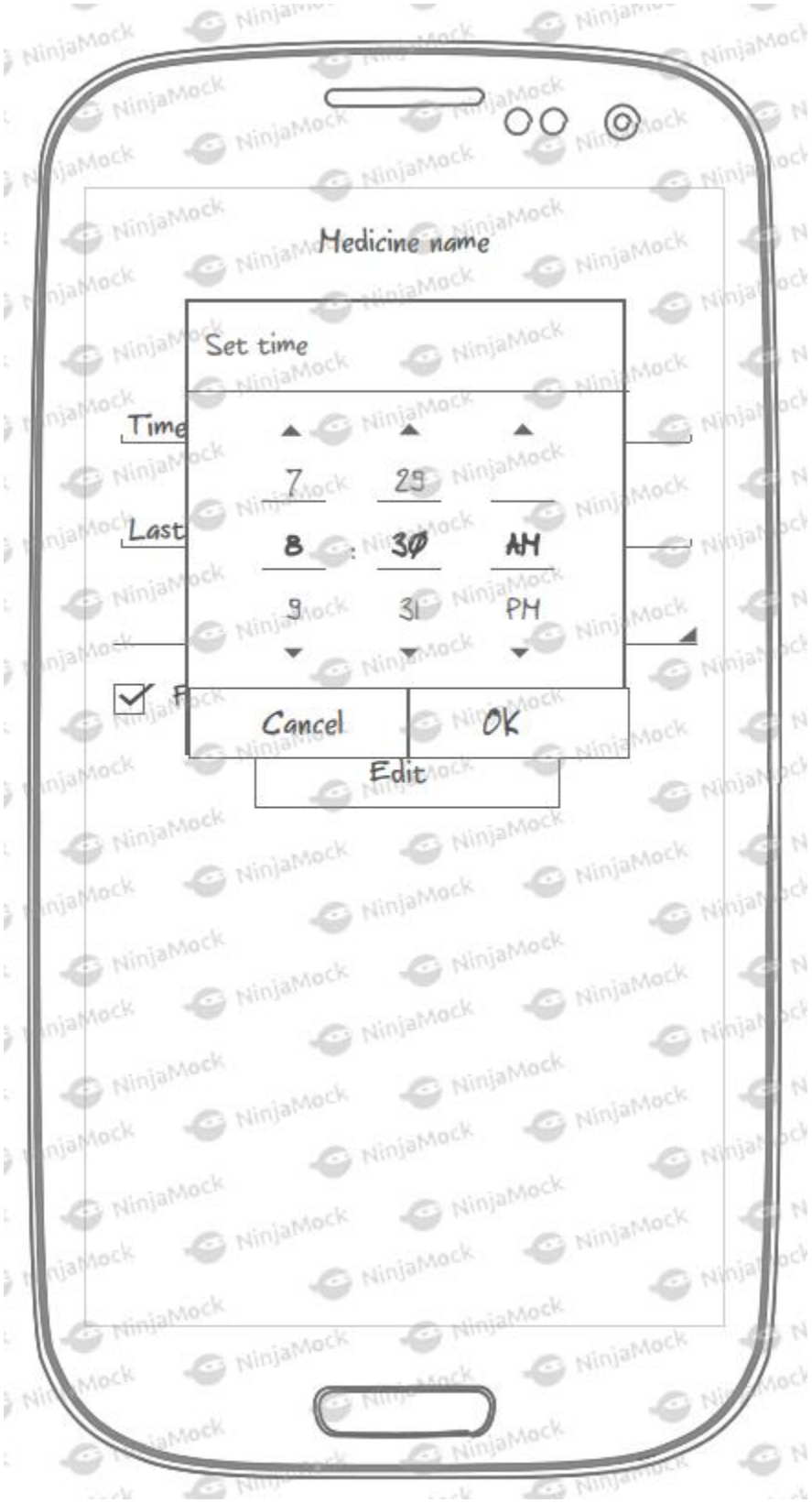
Screen 3


Add New Medicine
Medicine name
Times per day
Last time you took it
Type
Add

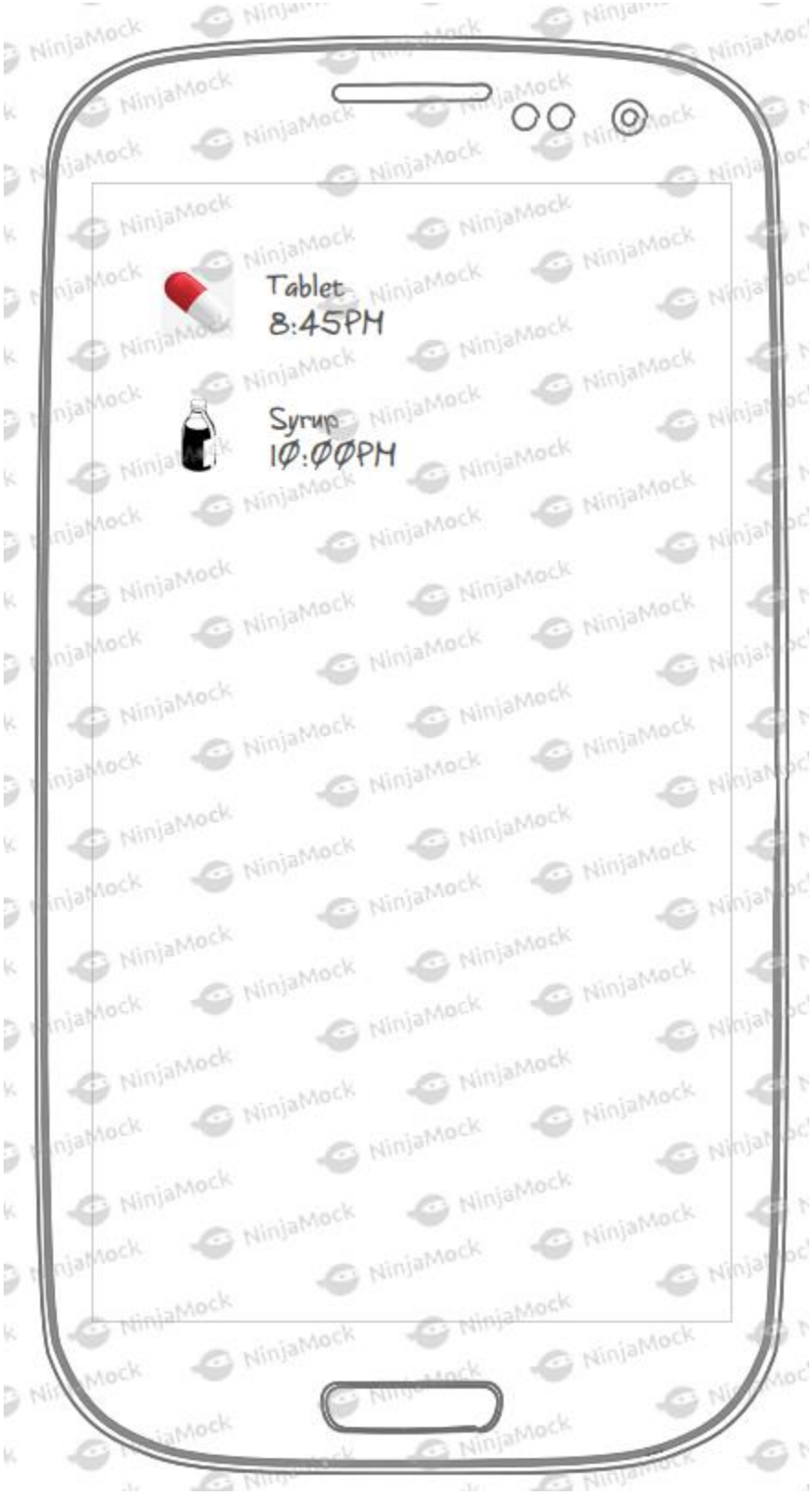
Screen 4


Medicine name
Times per day
Last time you took it
Type
Finished course
Edit

Screen 5


Medicine name
Set time
Time
Last
7
29
8 : 30 AM
9
31
PM
Cancel
OK
Edit

App Widget



Add as many screens as you need to portray your app’s UI flow.

Key Considerations

How will your app handle data persistence?

Local Room Database, Firebase Database

Describe any edge or corner cases in the UX.

For example, how does the user return to a Now Playing screen in a media player if they hit the back button?

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

Room to create database
Material date time to include the dialog
Material edit text for user inputs
Firebase Login (Facebook, twitter, google)
Google Ads

Describe how you will implement Google Play Services or other external services.

Will create a database using firebase to sync locale data base.
Will create a facebook and twitter application.
Will enable firbase login (Facebook, twitter, google).
Will add a google ads library to show ads

Next Steps: Required Tasks

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

Task 1: Project Setup

Write out the steps you will take to setup and/or configure this project. See previous implementation guides for an example.

You may want to list the subtasks:

- Configure libraries
- Creating a firebase project

Task 2: Implement UI for Each Activity and Fragment

List the subtasks. For example:
• Build UI for LoginScreen
• Build UI for MainActivity
• Build UI for AddMedicationActivity
• Build UI for EditMedicationActivity
• Build UI for widget

Task 3: Implementing firebase login

Describe the next task. List the subtasks. For example:

- Create Facebook application , create twitter application
- Implement logic to social login

Task 4: Implementing locale database

Describe the next task. List the subtasks. For example:

- Define models
- Implement logic of DB items retrieval addition and deletion

Task 5: Implement Firebase database

Describe the next task. List the subtasks. For example:

- Create database
- Send local database data to firebase database

Task 6: Implement App widget

Describe the next task. List the subtasks. For example:

- Create UI
- Create service to show widget data

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

Submission Instructions

- After you've completed all the sections, download this document as a PDF [File → Download as PDF]
    - Make sure the PDF is named "**Capstone_Stage1.pdf**"

- Submit the PDF as a zip or in a GitHub project repo using the project submission portal

If using GitHub:

- Create a new GitHub repo for the capstone. Name it "**Capstone Project**"
- Add this document to your repo. Make sure it's named "**Capstone_Stage1.pdf**"