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: mohammedgeek

Sticky Notes

Description

Sticky Notes helps you to stay organized , focused on your goals , save your memos and important contents .
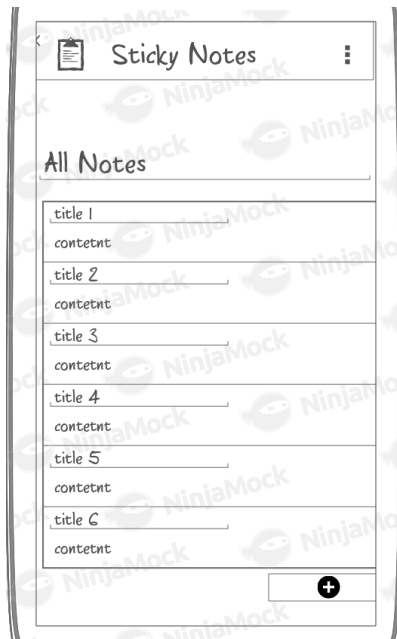
Intended User

Everyone

Features

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

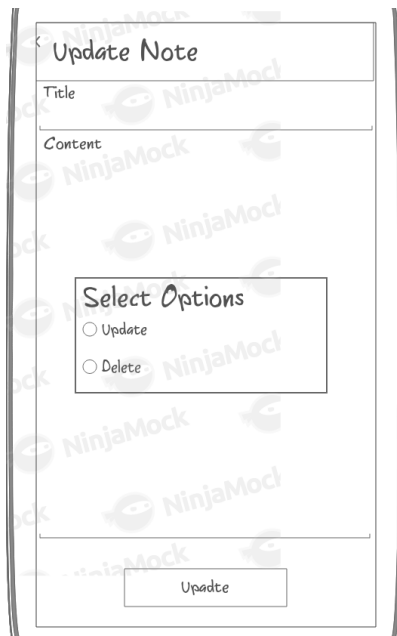The first screen will show all notes , the user can add notes .

Screen 2

This screen the user can set a title for the note and type content then save it .
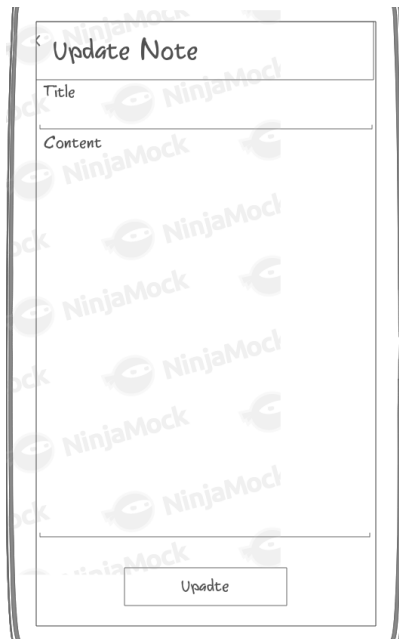
Screen 3

In this screen the dialogue make choices for the user to update or delete the note .
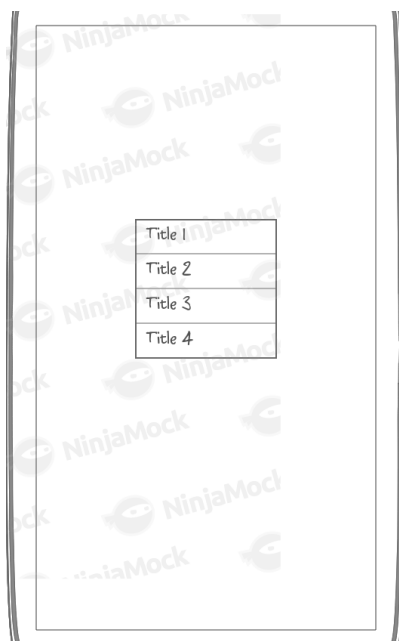
Screen 4

Update Note

Title

Content

Upadte

This screen the user can modify a saved note .

Screen 5

Title 1

Title 2

Title 3

Title 4

App widget will view the title of each note in home screen.

Key Considerations

How will your app handle data persistence?

I will use Room to handle the database.

Describe any edge or corner cases in the UX.

User will add note locally by the add button and if he clicked on a note will choose from dialogue to update or delete the note app will include a content description for views to support accessibility , App will provide RTL mirroring in drawables and provide strings with more than one language if needed , all strings will be stored in strings.xml to avoid hardcoded strings in the code .

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

Butterknife to Bind Android views and callbacks to fields and methods .

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

App will include Firebase Jobdispatcher to update widget schedule and Google Analytics and Admob will implemented in project files .

Versions of libraries , Gradle and Android Studio.

Android Studio v: 3.5.0
Gradle v: 3.5.0
Room v 1.0.0
Butterknife v 10.2.0

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

Task 2: Implement UI for Each Activity and Fragment

- Build UI for all screens provided .

Task 3: Implement Database

- Define the entities needed for database table .
- Create the database table and its instance.
- Implement DAO .
- Implement Excuters .

Task 4: Implement Widget

- When note is added the widget will updated in home screen .
- Update is done in background using intent service .

Task 5: Handle Firebase jobdispatcher

- Make a schedule to update widget .

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**"