

## 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**”
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**GitHub Username:** Your GitHub username here

## MY BAND

### Description

This app is for musicians who wants to show their band contents and meet new members for bands.

### Intended User

This is an app for musicians and bands.

## Features

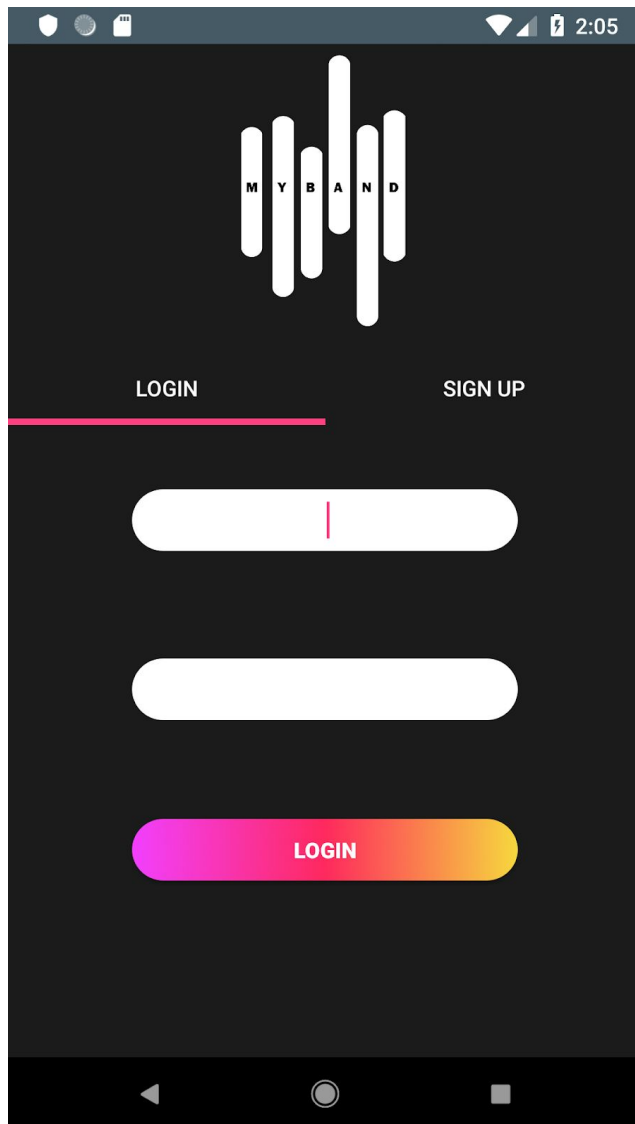
List the main features of your app. For example:

- Saves user profile
- Saves band profile
- List bands from database
- Saves band members for each band inserted.

## User Interface Mocks

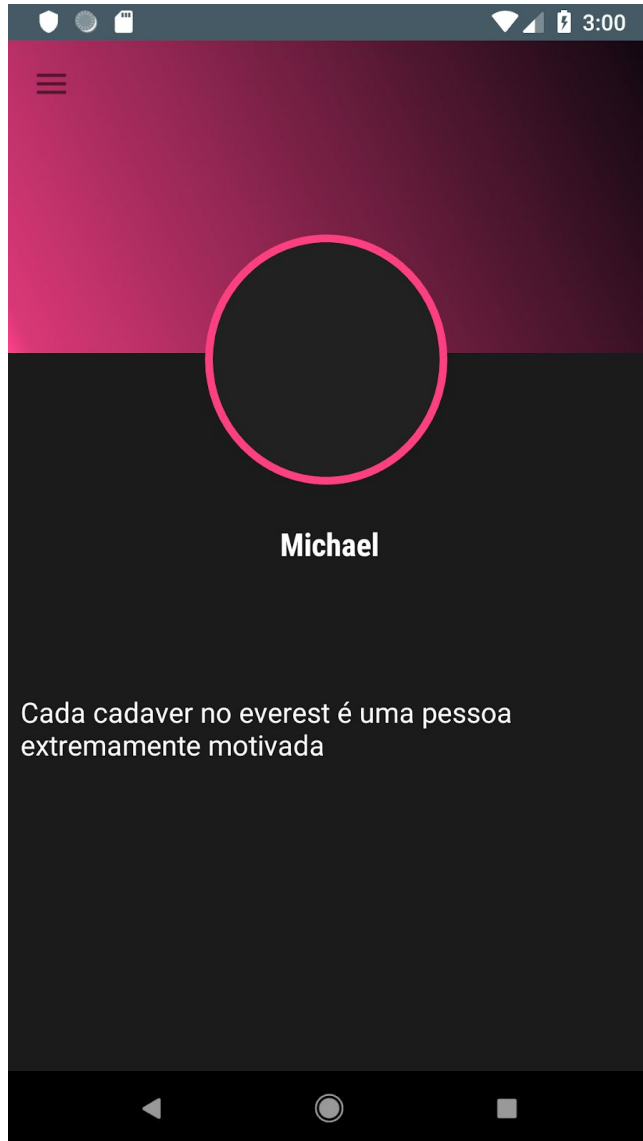
These can be created by hand (take a photo of your drawings and insert them in this flow), or using a program like Google Drawings, [www.ninjamock.com](http://www.ninjamock.com), Paper by 53, Photoshop or Balsamiq.

## Screen 1

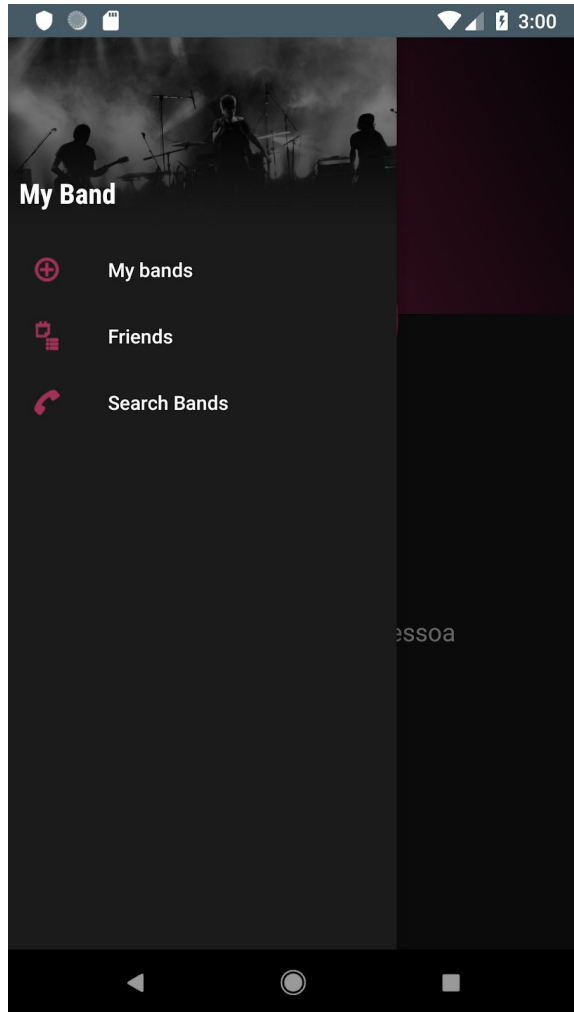


Login screen to profile

## Screen 2



Profile Screen



Menu Screen

## Key Considerations

How will your app handle data persistence?

I will use Firebase Realtime database.

Describe any edge or corner cases in the UX.

log in

Open drawer menu

click on "search bands"

Select a desired band

Click favorite

Press back to search for another one

Press back again to come back to your profile

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

Butterknife - view binding

Firebase auth - insert new users in database, and log in with data saved.

Firebase core/database - realTime database dependences

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

GCM - push notifications

## 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

- Configure libraries
- Configure firebase database

### Task 2: Implement UI for Each Activity and Fragment

- Build UI for LoginActivity
- Build UI for LoginFragment
- Build UI for RegistrationFragment
- Build UI for FriendsActivity
- Build UI for BandActivity
- Build UI for ProfileActivity
- Build UI for InstrumentsFragment
- Build UI for BandSearchActivity

### Task 3: Your Next Task

- Implement GCM
- Remove image mocks
- Insert test data to firebase

### Task 4: Your Next Task

Create espresso tests.

- Create a test to verify connection
- Create a test to get data
- Create tests to bind data from views and verify is they`re correct.

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

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#### 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**"