

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**

[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.](#)

[Describe how you will implement Google Play Services.](#)

[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](#)

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HalfSide Festival

Description

The app is made for a new music festival that will be held on my local town.
It will provide all the information related to the festival like artists, stages, schedule etc.

Intended User

Participants to the HalfSide music festival.

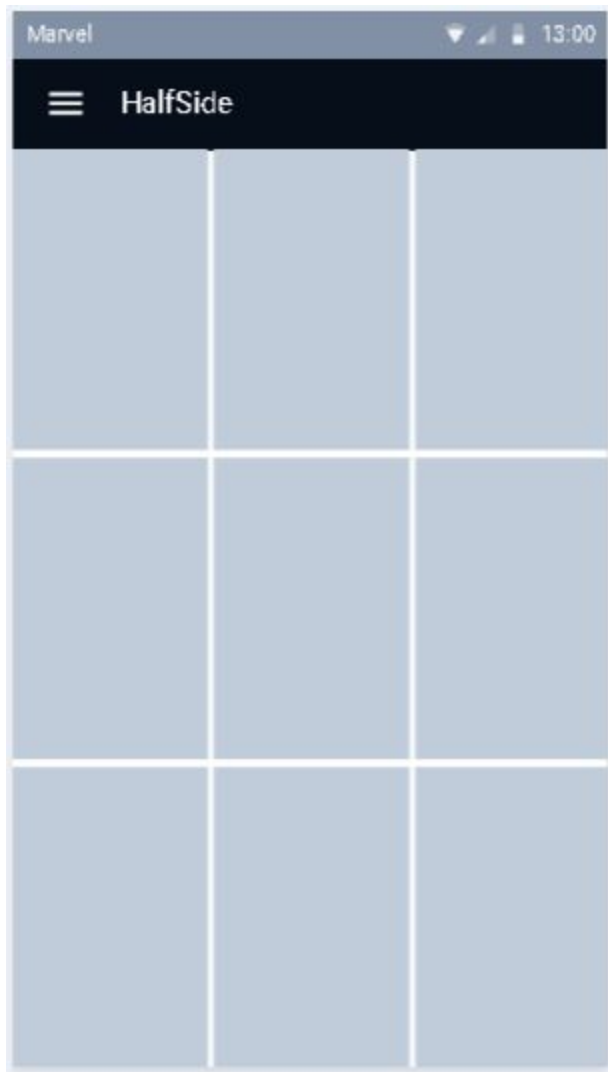
Features

- Display a list of all the artists performing.
- Display the schedule of the festival by days and stages
- Provide a link to an external website from buying tickets
- Store a personalised lineup based on user preferences
- The app will implement a solution for challenging the participants to come on foot or bike from the outskirts of the town to the festival location (approx. 5 km) . We should be able to verify if someone completed the challenge, before organisers will offer them some reward. (**At this moment i am not sure if i can complete this particular task, so the implementation of this feature is uncertain**)

User Interface Mocks

The thematic colors of the mock-ups below are not representative of the final product.

Screen 1



RecyclerView with the posters of the artists.
Clicking on the poster will lead to artist details screen.

Screen 2

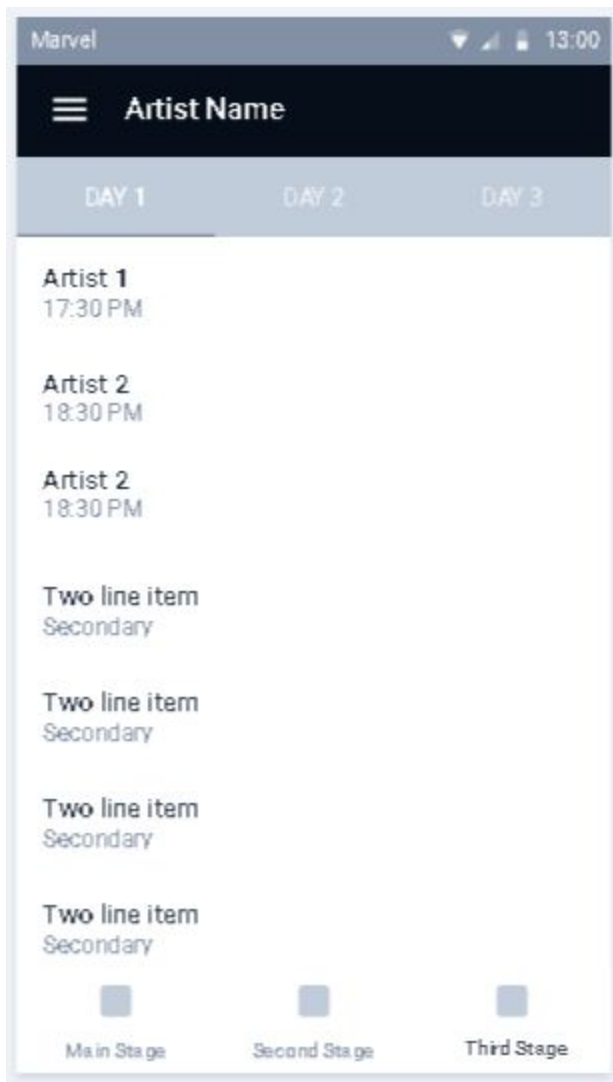


Artist details screen.

Provide a button for adding the performer to user personalised lineup.

Provide buttons with links to artist webpage, facebook, youtube (more can be added soundcloud, twitter etc)

Screen 3



Festival schedule screen.

On the top on the screen provide a TabLayout for the different days of the festival.

In the bottom of the screen provide a BottomNavigationView for selecting between different stages for that particular day.

*During the development of the application, there will certainly be more screens / activities, but in this development phase, no layouts have been created for those activities.

Key Considerations

How will your app handle data persistence?

Data about all the performing artists will be stored in Firestore Realtime database (performer name, description, external links to performer web page, YouTube channel, Facebook, the stage, date and time when singing, a link to the Firebase storage where an image of the performer is kept).

The user customisable “My Lineup” will use SharedPreferences.

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.

Glide to handle the loading and caching of images.

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

Firebase realtime database and storage.

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

- Start new project using Navigation Drawer Activity template
- Setup the Navigation Drawer proper menu names and icons
- Add dependencies for Firebase
- Define the POJO class for performing artist (name, description, external links urls, date and time when performing, performing stage, url link to Firebase storage containing artist image)

Task 2: Implement UI for Each Activity and Fragment

Build UI for :

- Artist activity using a RecyclerView with GridLayout
- Artist details activity
- Festival schedule
- User personalised lineup
- Any other activities that will cross my mind on the process of developing the app and is useful for the final product (“Food and drinks suppliers”, “Info about festival”, “About the app” etc.)