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## *Suricate Podcast*

### Description

Suricate Podcast is a podcast client witch offers 26k+ episodes and 9k+ shows in a simple and minimalist application. Find your favorite podcast and related episodes, make your own playlist and enjoy!

So, we give you:

- Free access to ALL functionalities!
- Simple and minimalist UI, easy to use!
- Multi devices support.
- Multi language support (English and Spanish support, and more to come!!).
- Three diferent themes to choice.
- Widget support.
- Accessibility support.
- Did we mentioned that is free?!! :)

## Intended User

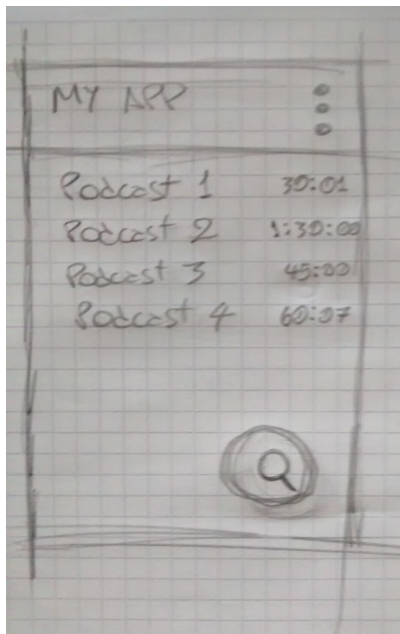
Any user who loves listen music, debates, interview, comedy, news, etc. Any enthusiastic podcaster or anyone interested on audio knowledge social culture.

## Features

- Free.
- Color themes.
- Multi devices support.
- Multilingual support.
- Save your playlist.
- Social share button (future releases).
- Android Instant App (future releases).
- Download episode (future releases).
- Android TV support (future releases).
- Android car support (future releases).

## User Interface Mocks

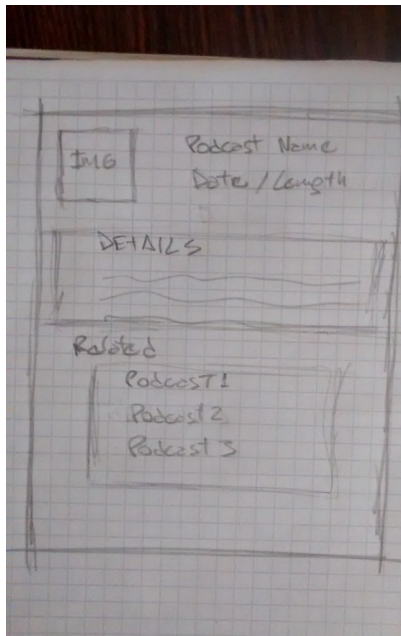
### Screen 1



### Main screen

Contains a playlist of your actual podcast and a FAB button to find more podcasts.

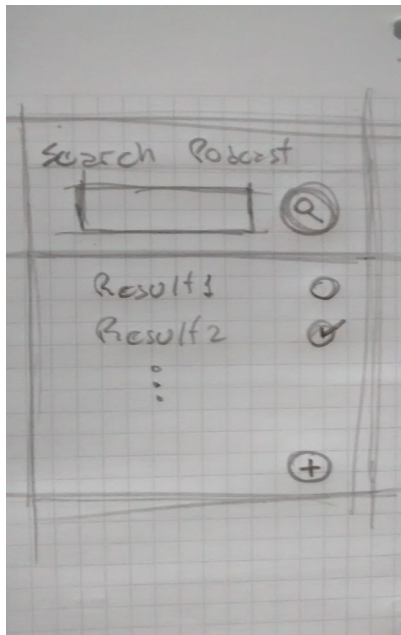
## Screen 2



### Details screen

Contains a description of a podcast and a list of related podcasts.

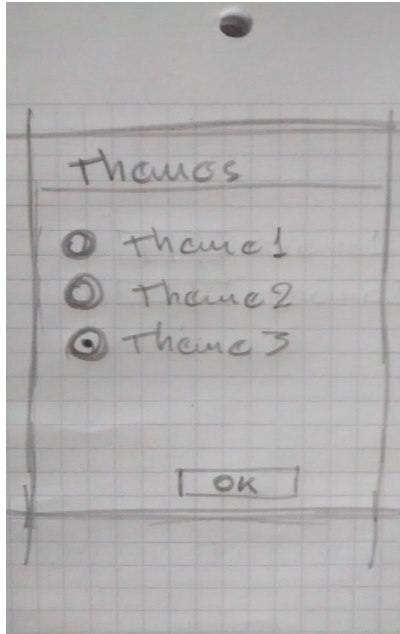
## Screen 3



Search podcast screen

Contains a list of recent searches.

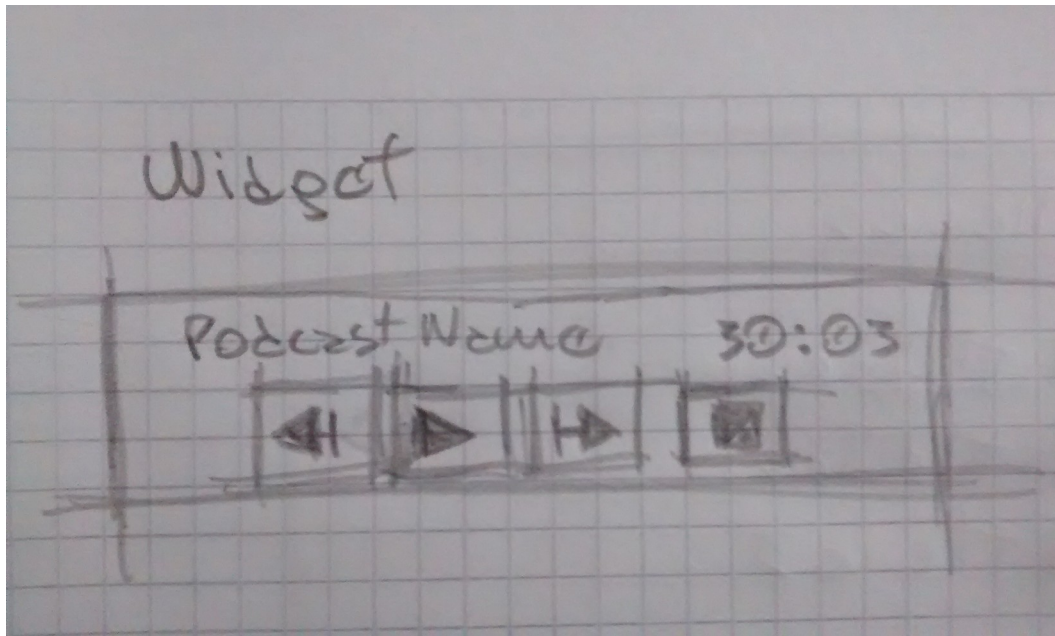
**Screen 4**



Theme color selection

Contains a list of themes.

## Screen 5



### Widget

Podcasts player with basic functionalities.

## Key Considerations

### How will your app handle data persistence?

- The playlist of podcast will be persisted in a local Database. There is no connection to external Database.
- The theme selection will use a local storage, specifically a JSON file, to persist the user last choice.

### Describe any corner cases in the UX.

- On click podcast name in widget view, they must open the application and show the main screen.

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

- Picasso to handle the loading and caching of images.
- OkHttp to handle HTTP request.
- RxJava and RxAndroid for asynchronous programming.

## **Describe how you will implement Google Play Services.**

I will use Google Ads and Google Analytics.

- This application will use a none obtrusive ads when the user changes the applications theme.
- Google Analytics will be used to obtain usefull information about the uses of this application.

## **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 a new project.
- Add libraries into gradle (Picasso, RxAndroid, etc).

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

- Build UI for Main Activity
  - Build UI Master fragment
  - Build UI Details fragment
- Build UI for Search
- Build UI for Themes
- Build UI for Widget

### **Task 3: Build a REST Client**

- Build a Client to get all the data from an external service.

### **Task 4: Make Search functional**

- Populate Search Activity with real data.
- Add podcast to playlist.

### **Task 5: Populate Master with real data**

- Populate Master Fragment List with real data.
- Make FAB search button functional.

### **Task 6: Populate Details with real data**

- Populate name, poster, details and related list with data.

### **Task 7: Implement Database**

- Create Database.
- Add object to Database.
- Remove object from Database.
- Read object from Database.

### **Task 8: Handle Error Cases**

- Client error cases.
- Player error cases.
- Download images error cases.

### **Task 9: Implement Google Play Services**

- Add Google Play adds.
- Add Google Play Analytics.

### **Task 9: Implement Widget**

- Play/Stop/Next/Prev podcast.
- Show current podcast name and length.

### **Task 9: Create a build variant**

- Free variant.
- Pay variant.