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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TV App SeriesGuide

Description

TV App SeriesGuide is an application that allow people to know latest TV Series and its short description and details about them and helps you keep track of your favorite TV shows .

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Intended User

People who love TV Series particularly people who want to keep track of their favorite TV Series.
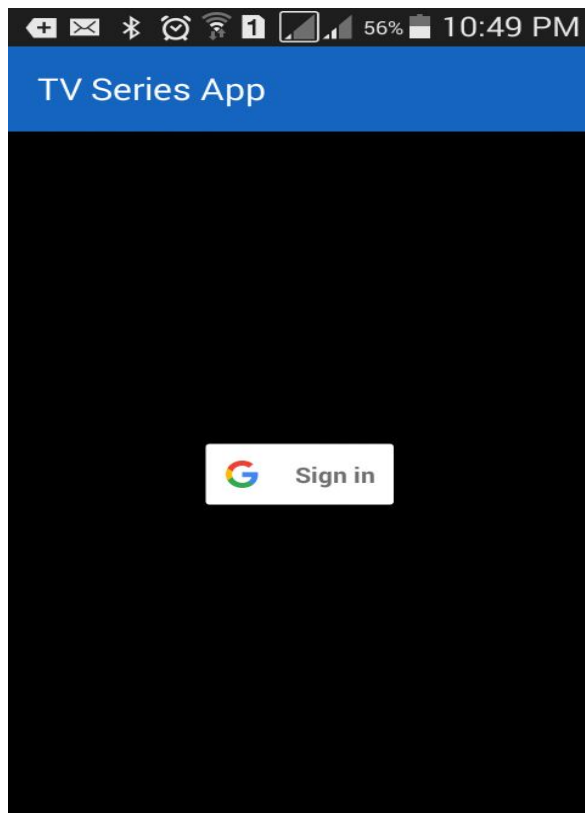
Features

- Provide Top , Popular , Latest and Favourite TV Series in main screen .
- Provide short description and details about TV Series in detailed screen .
- Save/Delete favourite TV Series .

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.

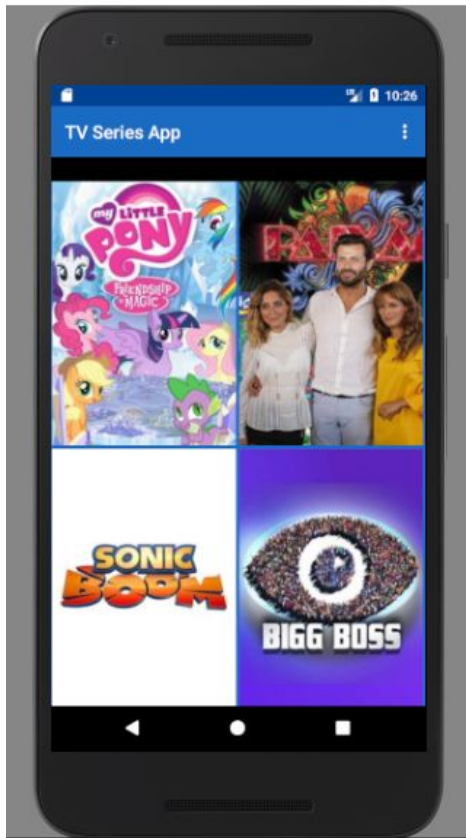**Screen 1**

Google Sign in

Screen 2

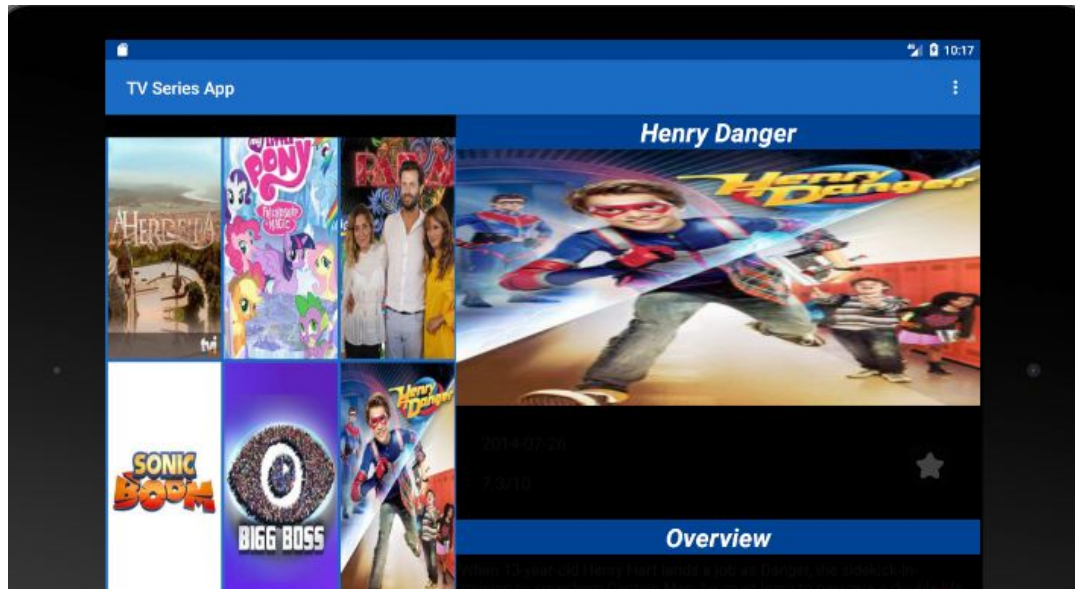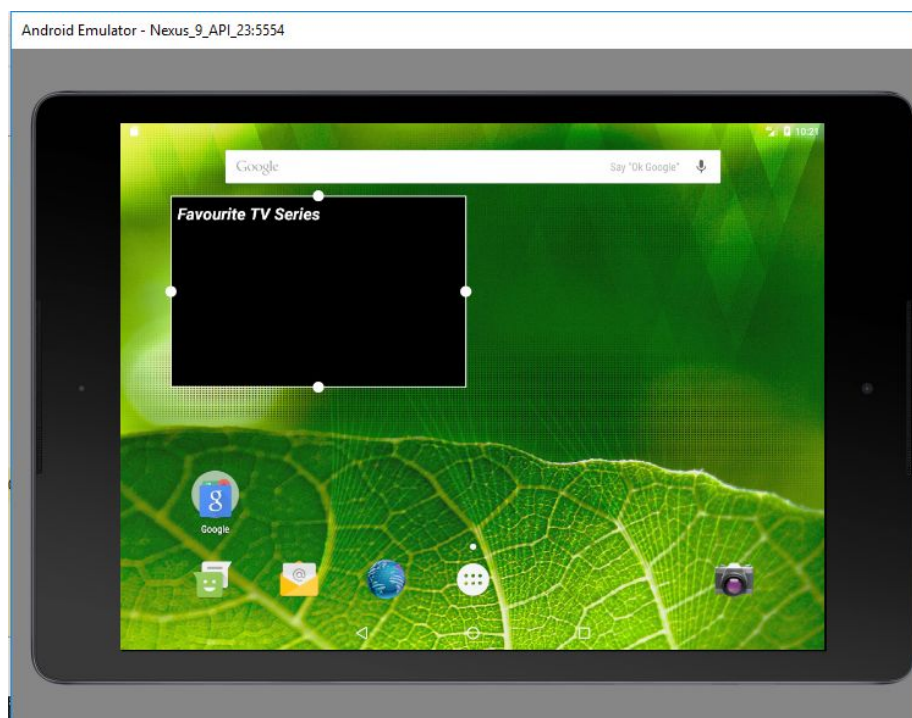Android Emulator - Nexus_5X_API_26_x86:5554

MainActivity

Android Emulator - Nexus_5X_API_26_x86:5554

details activity

Tablet View

Widget(Display Favourite Series "black")

Key Considerations

How will your app handle data persistence?

By Shared Preference and Content Provider .

Describe any edge or corner cases in the UX.

When the internet is not available , I will display a placeholder instead of actual image.

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

Picasso to handle the loading and caching of images..
Gson to parse json .

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

Firebase authentication (firebase-auth:9.0.2)
Google Mobile 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

- Create project in a firebase console .
- Configure libraries like Picasso and Gson .

Task 2: Implement UI for Each Activity and Fragment

- Build UI for MainActivity
- Build UI for Login activity
- Build UI for Detailed activity
- Build UI for widget

Task 3: Handling network tasks

- Sign in
- Using AsyncTask to fetch data
- Parsing the json By gson library

Task 4: Handling data and ads

- Pass data to activity .
- Display Posters at MainActivity
- Display Ads (Banner) in MainActivity
- Passing data between activities
- Display TV series details in Detailed Activity

Task 5: Handling app's states

- Save/Delete Favourite TV series in database
- a Loader to load 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**"