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Submission Instructions

1. After you've completed all the sections, download this document as a PDF [File → Download as PDF]
2. Create a new GitHub repo for the capstone. Name it "**Capstone Project**"
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GitHub Username: varunbehl26

Stay Tuned

Description

App is a TV show's hub where a user will be able to access millions of Tv shows and subscribe to their favorite tv shows and get notified whenever new episode of their favorite tv show is aired.Users will be able to track their tv shows , view similar tv shows , popular & top rated tv shows .

The app is trying to solve a basic tv show lovers problem of remembering the next episode air date , dates of upcoming season of their favourite tv show and similar shows.

Intended User

This app for everyone who watch tv shows including children & adults .

Features

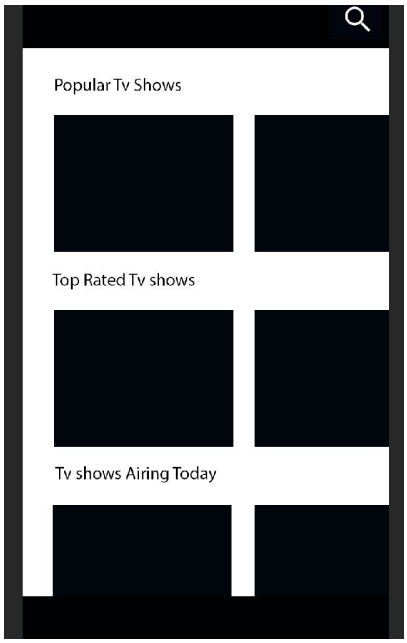
List the main features of your app. For example:

- Notify users when the favorite show is aired
- App will work offline and will also notify even when offline.
- Users will be able to create reminders and mark them watched.
- Search tv shows.

User Interface Mocks

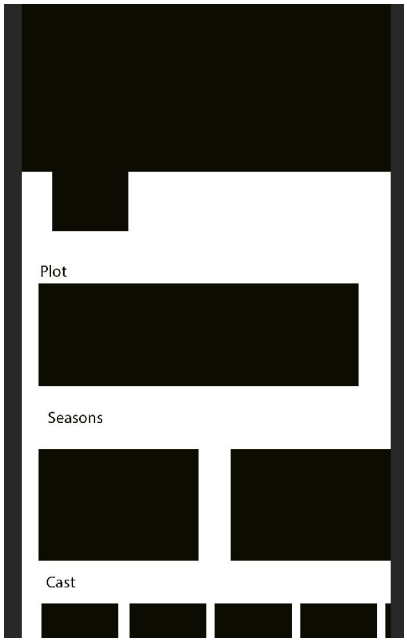
These can be created by hand (take a photo of your drawings and insert them in this flow), or using a program like Photoshop or Balsamiq.

Screen 1



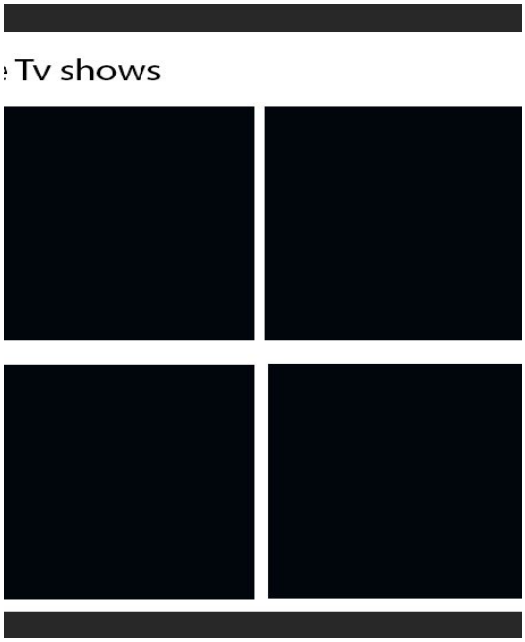
Launch Page of the app where a user can add his favorite from a variety of tv shows availble to him .

Screen 2



Detail Page of a tv show where a user will be able to select the season he /she wants to get notified.

Screen 2



App widget for the user to view his/her favorite shows .

Key Considerations

How will your app handle data persistence?

I will build a content provider.

Describe any corner cases in the UX.

1. Handing the different season of a tv show

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

fresco(image loading), retrofit (web api calls), eventbus (communication) ,greendao (database)

Describe how you will implement Google Play Services.

Admob and analytics will be added as Google Play Service.

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

1. Configure Libraries such as retrofit, fresco, event bus etc
2. Create git repo for the project
3. Analyse tmdb tv show api.
4. Design database schema for users data storage

Task 2: Implement UI for Each Activity and Fragment

1. Build UI for Launch activity
2. Build UI for different tabs on screen

Task 3: Implement Network calls

1. Create classes for tmdb api for retrieving data
2. Test the network calls
3. Add them on back thread using eventbus.
4. A SyncAdapter in order to regularly get updated info about popular TV series.
5. This data will be used later to feed the widget provided by the app.

Task 4: Implement logic and data

1. Add data received from network to database for offline viewing
2. Add search and sort filters in listing page

Task 5:Implement Google Play services

1. Add admob for banner ads
2. Add analytics on different events in app.

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