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Tv Channel Scheduler

Description

Forget your Tv show timing and need a reminder for it?

Here is a solution which will show the tv channels and their show timings on a specific date. You can set a reminder for any particular show so that you don't miss it.

Intended User

People watching television and don't want to miss their favourite shows.

Features

- Search for show timing of a channel

- Set a reminder for your favourite show
- See the reminders on your phone's widget

User Interface Mocks

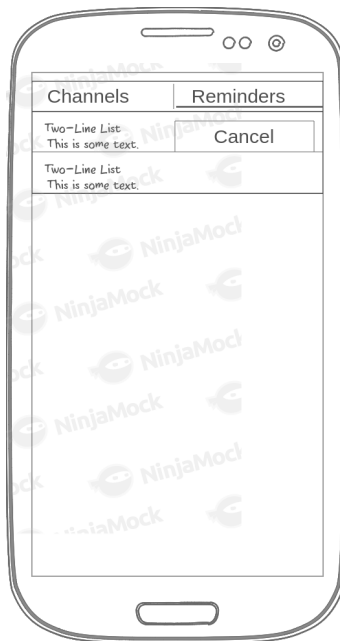
These can be created by hand (take a photo of your drawings and insert them in this flow), or using a program like Photoshop or Balsamiq.

Screen 1



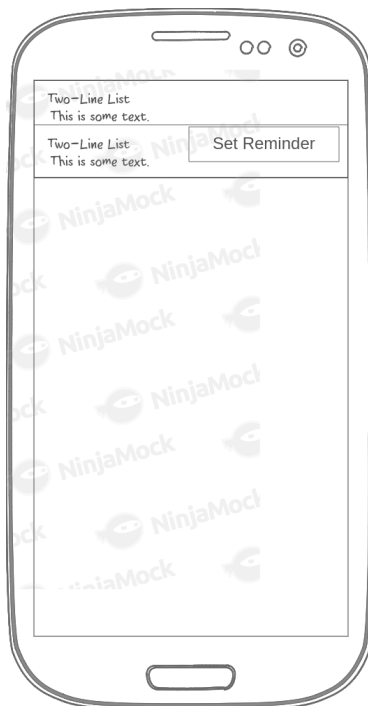
The screen will contain the list of all channels whose shows the user want to see.

Screen 2



This screen will contain the shows whose reminder has been set and can cancel the reminder.

Screen 3



This screen will contain the shows of the channel selected.

Add as many screens as you need to portray your app's UI flow.

Key Considerations

How will your app handle data persistence?

Will save the alarms data into a Content Provider.

Describe any corner cases in the UX.

When using the app if internet connectivity gone, the app will now crash.

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

- Picasso: For loading images from the url.
- OkHttp: For retrieving data from the api.
- Schematic: For implementing content Provider.

Describe how you will implement Google Play Services.

- Admob
- Analytics

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

Fetch the list of channels and their shows from the <http://indian-television-guide.appspot.com/> api and display in the main UI.

You may want to list the subtasks. For example:

- Use OkHttp for fetching data
- Configure Content Provider

Task 2: Implement UI for Each Activity and Fragment

List the subtasks. For example:

- Build UI for MainActivity
- Build UI for Shows Activity

Task 3: Your Next Task

- Code for setting the reminder
- Code for removing the reminder

Task 4: Your Next Task

- Implement ads
- Implement analytics

Task 5: Your Next Task

- Create widgets to show reminders