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Podcast App

Overview

The app is made up of one activity and multiple fragments. I wanted to use bottom navigation from the start but didn't have time to implement the last fragment which was planned to have a full featured media player with a seek bar, playlist, etc.

Steps to play:

1. Go to the search tab
2. Search for a podcast you want
3. Click on the podcast to add it to your feed
   3. a) If the podcast was already added, a toast will say it was already added
   3. b) if it's a new podcast, a toast will say it's been added successfully.
4. Go back to the podcasts fragment and click on the podcast which will load up all the episodes in the rss feed
5. Click on any episode to play it

Added features:

1. Seek forward/backwards by 10 seconds by clicking on the appropriate buttons while the player is playing
2. Play/pause episode
3. The subscription list is saved locally by using SQLite
4. The background of the podcast page will change depending on the dominant color in the album art of the podcast

Known problems/bugs:

1. "Settings" fragment holds placeholder text so it's essentially an empty page. Bottom navigation suggests having 3-5 items and I didn't want to leave just 2 items, so I decided to keep the third page and make it empty instead.
2. The interfaces used to communicate with the activity have confusing names.
3. If network changes while a network thread is going, the app won't retry the request or even send a toast to the user to say to try again.

Screenshots: