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New on Netflix

Description

Netflix has opened up a world of movies to people whom otherwise might never be able to afford such a large viewing library. Yet, when new movies are added, the various Netflix apps (Smart TV, Web, Game Console, Smart Phone, et al) fail to make notifications in a consistent, user-friendly manner. The Netflix web app, for example, has notified users of new additions by arbitrarily placing them in one of two confusing and seemingly redundant categories, 'recently added' and 'new.' Users who do not have time to regularly scan through all of the movies listed in both of these sections might miss a new addition. This is especially problematic when Netflix decides to prominently feature a genre such as reality programming, but a user is more interested in foreign film. The result is users come across a movie, in which they have no interest, repeatedly featured in half a dozen netflix categories including 'recently added' and 'new.' Other times, despite checking the 'new' and 'recently added' categories, users go for weeks without realizing a movie they've been waiting to see has been added.

I want to make a mobile app that encourages users to customize the type of new movies for which they'd like to be notified. Using the Netflix API, the app can show a list of all the movies recently added and have details about it.

Intended User

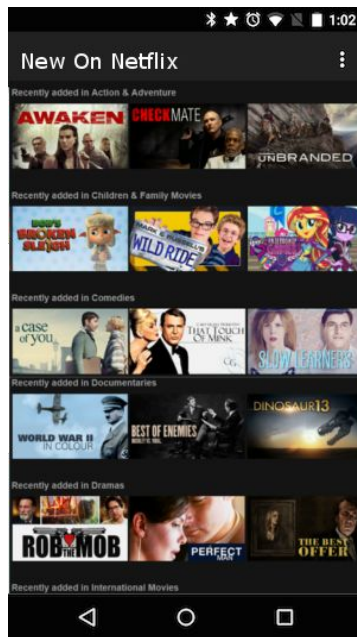
The New on Netflix app is a time saving app aimed at efficiently organizing a centralized presentation of new movies so that users don't have to hunt them down using the differing methods in the various netflix apps on whatever device they happen to be using at that time. It is intended to help people who like Netflix but are frustrated by the current notification system that shows a jumble of new movies. It intends to organize the notification of new movies by notifying the user of new movies of their customized favorite type, so that they do not get drowned out by what Netflix deems most noteworthy new additions. This shifts the decision of what types of new movies warrant notification from Netflix to the user, where it is much more satisfying and efficient. Netflix no longer has to guess. The user no longer has to wade through new additions in which they have no interest just to see if there is anything new that interests them.

Features

- Lists New Additions (movie, series, etc) to Netflix
- Notifies User of New Additions in Their Favorite Genre
- Allows Users to Customize List and Notifications

User Interface Mocks

Screen 1



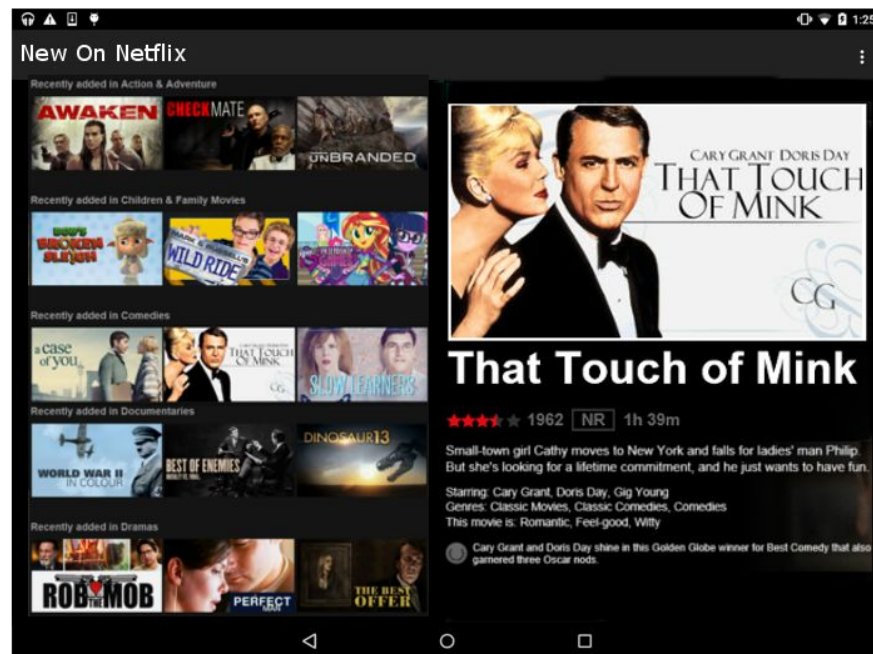
The main screen will update with new additions to netflix, but it will show only the genres the user chooses in settings. For example, new horror movies won't appear for users who don't want to be updated when new horror movies are added.

Screen 2



Selecting a movie on the main screen launches the details screen.

Tablet UX



Key Considerations

How will your app handle data persistence?

I plan to build a content provider.

Describe any corner cases in the UX.

In the corner case of using the app without internet connection, I plan to display a placeholder image.

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

I plan to use Picasso because of its power and simplicity in handling images.

Next Steps: Required Tasks

Task 1: Project Setup

- Configure Picasso
- Set up Netflix API key

Task 2: Implement UI for Each Activity and Fragment

- Build UI for New Movies First Screen
- Build UI for Details Screen

Task 3: Handle Error Cases

- Add placeholder image for offline corner case
- Check for empty or null objects
- Make sure data persists on screen rotation

Task 4: Create Tablet Version

- Combine New Movies Screen and Details Screen into one big tablet layout screen.
- Customize layout to take advantage of small and big screen programmatically and using buckets.

Task 5: Make it Accessible

- Incorporate Content Descriptions
- Enable RTL layout switching