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Android development team 6 Project requirements

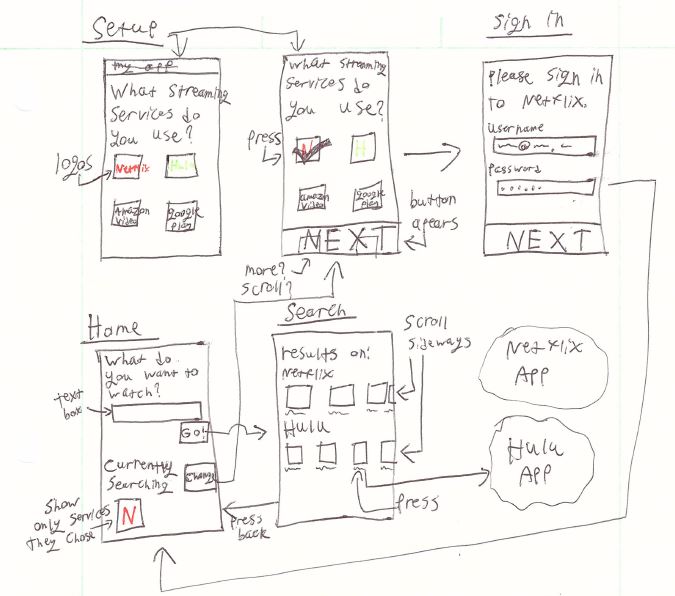
# App concept notes:

## Narratives

The purpose of this app is to allow a user to search for a movie or TV show and easily see where it can be streamed. On first launch the user will be prompted to pick what streaming services they use (or want to see results from), then asked to sign into their accounts (at least Netflix, if it is picked).

When the user wants to search for a specific movie or TV show, they can use our app to search for it and see the results of the streaming services that currently offer that movie or TV show. The results will include links to open the app that is streaming the movie or TV show to start watching immediately.

## Sketches



## *Categorized* list of use cases

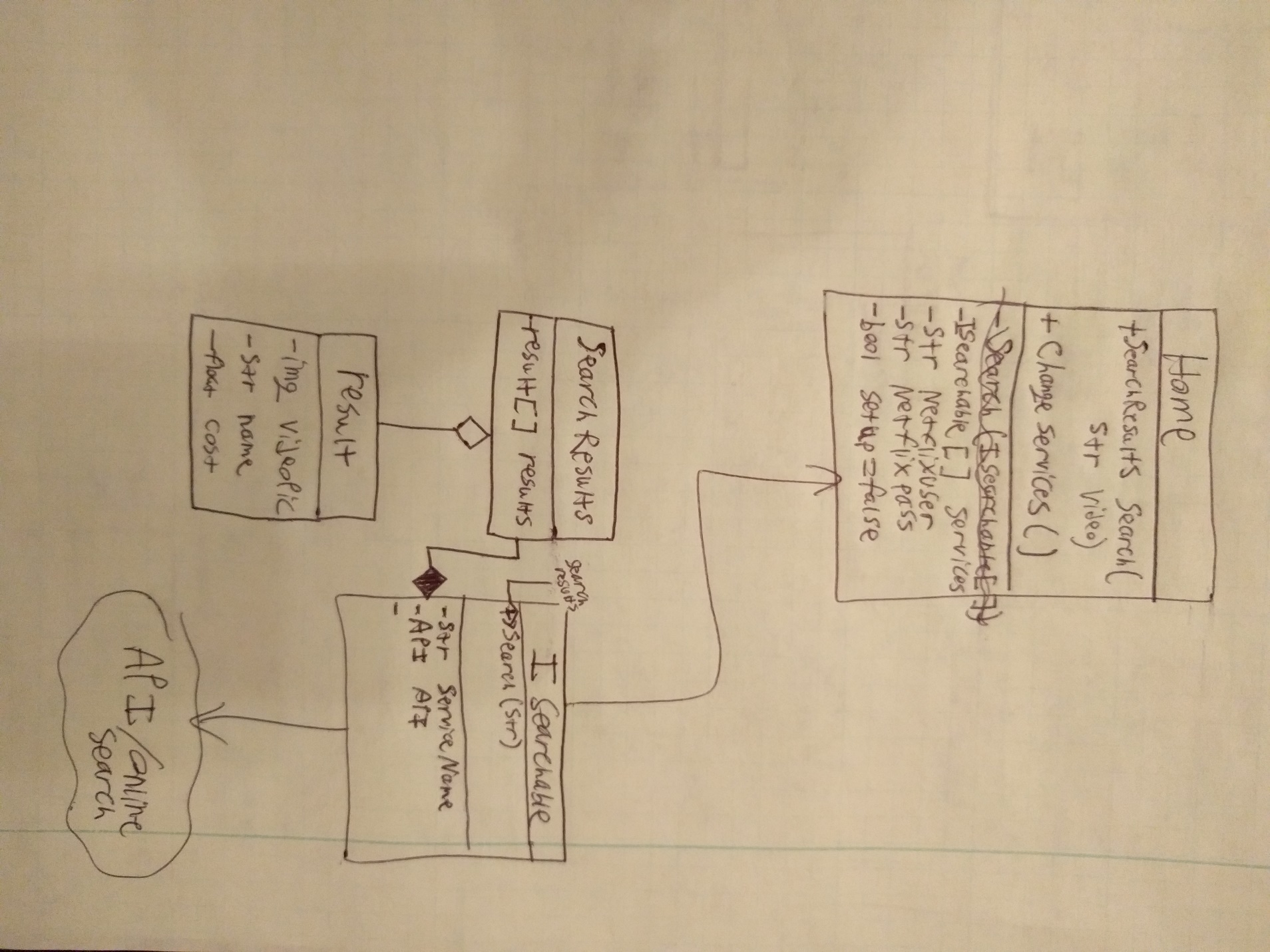
### User use cases

* As a user I want to see if a movie/show is available on:
  + Netflix
  + Hulu
  + Amazon Video
  + Google Play (Stretch)
  + Youtube (optional)
  + iTunes (optional)
* As a user I want to see how much a movie/show cost to stream (Amazon/Google)
* As a user I want to see suggestions from my streaming services (Stretch)
* As a user I want to be able to open a streaming app from within this one (Stretch)

### Dev use cases

* As a developer I want the app to check an online database (not update a database manually)
* Use APIs available to conduct search
* Search automation for services that do not have an API (open app in background, input search string in search bar, select “Search”)
* Ask user for access to each app that will be searched
* Detect apps on device that will be searched
* Suggest to user to download apps that will be searched if not installed

## Database Schema



## screen layouts

### Home

Relative or grid layout

### Login

Linear layout

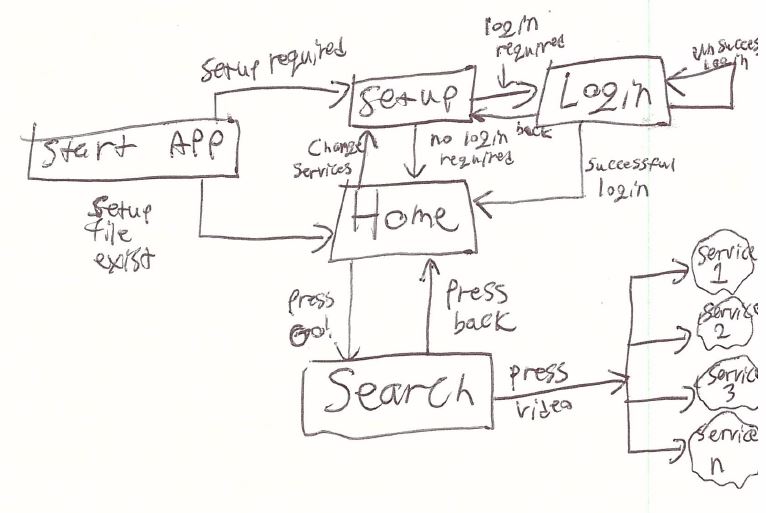
### Home

Linear or relative layout

### Search

Linear layout

## Screen Flows



# Object-oriented design of application domain model.

START OF DESIGN  
