# Mobile #1

by @Haris Porobic  and @Sanjin Cabaravdic

## What is this?

The following instructions and requirements in this repository represent a step in the Match community onboarding process. It's a (hopefully) simple take home exercise to be later used as a conversation starter in our technical discussion. It should also help us in reducing the number of technical challenges a client wants you to go through.

## Exercise brief

Design an app for Android devices which will enable the user to search for movies/shows using IMDB, OMDB or a similar API, pick their favorites and hide those they do not wish to see or have already seen.

**Tasks**

- All of the information should be retrieved from the external APIs (you are free to choose which API you would like to use)

- By default the main screen should show movies and shows the user has added to their favorites list (title, movie poster, description and rating)

- Implement an option to search for a specific movie/show

- Once a user clicks on a movie/show a screen containing title, description, rating, movie/show poster should be shown

- Implement an option to add the movie/show to favorites list (this should persist on app restart)

- Implement an option to hide movie/show form future search results (this should persist on app restart)

- User should be informed if the internet connection is lost

- Take time to think about possible edge cases and access issues that should be solved

**Evaluation criteria:**

- Language of choice best practices

- Edge cases covered

# Deliverables

A Github repository with public access that one our domain experts can **clone, install, build and run locally**. You can expect a domain expert to have a git client, installed and properly configured, no other dependencies should be required.

# Miscellaneous

## How long do I have to do this?

If it takes you more than a day please let us know, in our estimates it should only take a couple of hours

## What languages should the interface be in?

English only

## Who do I contact when I'm done?

The person from Match that initially gave you the exercise link or email us at techchallenge@mvpmatch.co and we will pick it up from there.

## Who do I contact if I have questions?

Feel free to use Slack, Discord, Email, Linkedin or carrier pigeon to get in touch with Haris or Sanjin from <u>Match</u> or emails us at techchallenge@mvpmatch.co

## Will this code be shown to the client?

Assume yes. Should also help us in reducing the time by clients evaluating profiles.