Xamarin Programming Test

04.28.2016

Definition

A simple mobile application for iOS or Android that hits a web service and downloads movies to display in a list along with their associated image if available. Clicking on a movie should navigate the user to a screen that displays additional details about the movie. The user should have the ability to add and remove movies from their "Favorites". The user should be able to view their favorites. Favorite movies should persist between sessions.

The following endpoint can be used to download a list of favorite movies:
http://api.themoviedb.org/3/discover/movie?api_key=ab41356b33d100ec61e6c098ecc92140&sort_by=popularity.desc

The API Documentation is available here:
http://docs.themoviedb.apiary.io/#reference/account/accountidlists

Requirements

- The application must be written in C# using Xamarin
- You **cannot** use Xamarin.Forms to write the application unless deemed acceptable by Cie.
- The application must be written using Xamarin.iOS or Xamarin.Android unless otherwise directed by Cie.
- The application should reuse as much code as possible between the two platforms
- You may use 3rd party libraries
- Provide source code

Obviously, we will be looking for your capabilities, so even though it is a fairly simple project, please demonstrate your abilities. Niceties are pull to refresh, exception handling, unit tests, dependency injection, etc.