API PROJECT

Due date: Friday, March 5th

For this project, you will work with a group to build a small ASP.Net Core app that uses an API. There are a few APIs to choose from:

- Movie - https://developers.themoviedb.org/3/movies/get-movie-details
- Recipe - http://www.recipepuppy.com/about/api/
- Music - https://rapidapi.com/deezerdevs/api/deezer-1
- Pokemon- https://pokeapi.co/

Whichever you choose, the project requirements are the same. It should:

- **Search:** This view will search the API and limit the search results to the most important fields. IE search theMovieDb for movies and only show Title, Runtime, Year Released, and Poster.
- **Search Results:** On the search results view, add a "add to favorites" button underneath each result. When selected, add the item to the Favorites table.
- **Favorites:** Create a Favorites table. Allow anyone to add/remove items in this list. Store that list in a database table. In your model limit the properties to a maximum of the 6 most important pieces of data. You don't have to store the full data from the api.

Extended Challenges:

User Favorites: Using Identity, replace the global favorites table with a User Favorites table, such that when a user logs in, they only see items they have favorited. What type of SQL relationship will you need to set up?
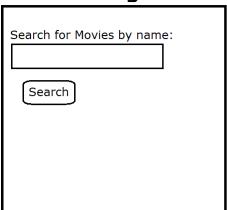(NOTE: You will have to refactor your database and models. Also Identity is easiest to setup during project creation.)

CSS and Design: (Do this last even after the other extended challenge) Spruce up your site and make it look awesome. Also make the
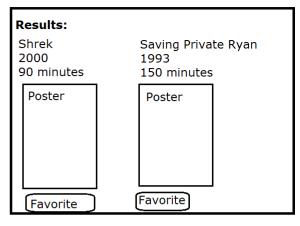
project mobile responsive.

Wireframes: Note The frontend will also depend on which API you choose and this is just a rough sketch of what your project *Could* look like and communicate what needs to be on your views. Your front-end may look however you wish as long as it is understandable and easy to use. Feel free to add in any additional views as needed.
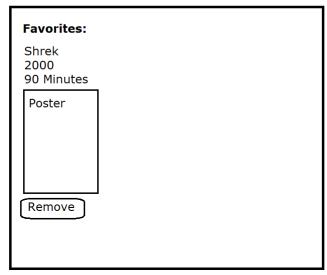
Search Page

Search for Movies by name:

[   ]

[Search]

Search Results View

Results:

Shrek	Saving Private Ryan
2000	1993
90 minutes	150 minutes

Poster

Poster

[Favorite]   [Favorite]

Favorites Page

Favorites:

Shrek
2000
90 Minutes

Poster

[Remove]

TO DO BY EOD: Post and pin the following in your group's slack channel:

1. The API you are using
2. The Github repo your group will be using - this will be the repo we grade. If you have Git issues, but do not sort them out or seek help, we will grade what we see.

Stand up format:
    Answer 3 questions:
        a. What did you get done yesterday & how many GitHub commits did you do? (for non setup days, 1 commit per person)
        b. What do you want to do today?
        c. What could go wrong? (remember: "github issues" and "we could get trampled by Godzilla" are not reaaallllyyy answers here)

One Last note: *We want to see every member commiting to github at least 1 time a class day. Commits are how we judge your participation and that's how potential employers will judge you. With no commits, we have no proof of your work.*