Jobhunt - A Case Study

Problem Statement

Build a system to search for a Jobhunt as
per Industries, get Industries statistics and add Industriess to favourite list.

Requirements

find Jobhunt Industries, get Industries statistics and add Industries to favourite list.

- Logout feature should be implemented.

- User can add a Industries to favourite list and should be able view the favourite list.
- JWT authentication(Optional)
- Sorting and pagination (optional)

Modules

(User interface) - should be able to

- Register user, login and logout
- Search a Industries by name
- View Industries statistics
- Add a Industries to favourite list
- should be able to see favourite Industries

https://www.themuse.com/developers/api/v2

UserService

- Creating a server in Asp.net Core

APIto facilitate user registration and login using Sql Server

- should be able to manage user accounts.

FavouriteService

- should be able to store all the favourite Industries for a user

Tech Stack

- Asp.net Core Web API
- Entity Framework Core
- SQL Server
- Angular

Flow of Modules

Building

* Register/Login

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        * Search for a Industries
        * Industries list - populating from external API

### Building the UserService
  1. Creating a server in Asp.net Core
APIto facilitate user registration and login with Sql
Server as backend. Upon login.
  2. Writing swagger documentation
  3. Unit Testing of the entire code which involves the positive and negative
scenarios


### Building the Favourite Service
  1. Building a server in Asp.net Core
APIto facilitate CRUD operation over favourite Industries stored in Sql
Server.
  2. Writing Swagger Documentation
  3. Write Unit Test Cases and get it executed.

### Demonstrate the entire application
    1. Make sure all the functionalities are implemented
    2. server side (For all layers) codes are unit tested.
```