Second Round Project:

**Overview**

Using ASP.NET Core, we'd like you to create a simple banking control panel tool. The tool should be API only.

**Requirements:**

Registration and authorization:

* User should be able to register
* Use roles for registration (Admin, User)
* User should be able to log in

**Clients CRUD**

Admin users should be able to add clients, filter them, or sort. The client list should come with paging.

* Filtering and paging parameters should be saved in URL query so he does not lose any data when the admin refreshes.
* Admin should see the last 3 search parameters as suggestions.

The client fields should be following:  
  
Email, First name, Last name, Personal Id, Profile photo, Mobile number, Sex (Male, Female), Address with subfields( Country, City, Street, Zip Code), Account (Account can be added as many as necessary)

Validations:

Email: Should be required and email format.  
First name: Should be required and less than 60 characters.   
Last name: Should be required and less than 60 characters.  
Mobile number: Should be correct format with country code (you can use some library as well).

Personal id: Should be required and it should be exactly 11 characters.  
Sex: Should be required.  
Accounts: At least one account is required.

**Things we're looking for:**

* Navigable code
* Efficient algorithms
* Good separation of concerns
* Error handling
* Usage of libraries
* Source control (github, bitbucket, azure devops, or others)

**Things we like:**

* Well commented & well-organized code
* Quality over quantity (the code you write should be good)
* Small, meaningful, commits
* Postman requests collections