Simple Rest Service

Create project which provides following functionality for managing simple client and server registrations similar to OAuth. The solution must provide rest service endpoints and simple UI and should be based on https://learn.microsoft.com/en-us/aspnet/core/tutorials/first-mvc-app/start-mvc?view=aspnetcore-7.0&tabs=visual-studio .

In this test domain there are two types of objects - clients and servers. A client is authorized to access a server only if there is special registration for this.

1. Provide UI and service endpoints for CRUD operations for clients. A client object contains following attributes.

Parameters	Type	Required	Description
Id	string	Yes	the unique id of the client
Name	string	Yes	client display name
Description	string	Yes	description of the client
Properties	Dictionary<string, string>	Yes	gets or sets the custom properties for the client

2. Provide UI and service endpoints for CRUD operations for server.

Parameters	Type	Required	Description
Id	string	Yes	the unique id of the client
Name	string	Yes	client display name
Description	string	Yes	description of the client
Functions	List<string>	Yes	gets or sets the list of allowed functions

3. Provide UI and service endpoints to manage client/server assignments.

4. Provide functionality to check if a client is authorized to call a specific function of a server.