

Implement following requirement using .Net core 5.0 with entityframework.

1. Develop API for the following requirement with json response.
2. Must use MSSQL.
3. Use Visual Studio 2019.
4. Locally test with the POSTMAN and send captures (Image is fine).
5. Zip and send all the test captures, database backup file and your source code.

This system able to manage Users; therefor create POST method to add user details. In the database **UserDetails** table must be include following fields.

- UserID (int)
- FirstName (nvarchar)
- LastName (nvarchar)
- Email (nvarchar)
- Password (nvarchar)
- DateofBirth (nvarchar)
- RoleType (int)
- Status (int)
- CreatedAt (DateTime)
- ModifiedAt (DateTime)

Password must be encrypted and also email must be validated and create two separate tables for **RoleType** and the **Status** as normalize. RoleType and Status table must include following fields.

<u>RoleType</u>	<u>Status</u>
RoleID (int)	StatusID (int)
RoleName (nvarchar)	StatusName (nvarchar)
Status (int)	CreatedAt (DateTime)
CreatedAt (DateTime)	ModifiedAt (DateTime)
ModifiedAt (DateTime)	

Then develop GET (All), PUT, DELETE method for users. Same as above method implement POST, GET(All), PUT and DELETE methods for **RoleType** and the **Status**.

Impalement a method to GET all user details with **RoleName** and the **StatusName** by user email. Please be careful about the naming conventions. After create the above methods, Implement Login API using the user **Email** and the **Password**.

All the API must authenticate with the token (You can user JWT or any other method).

Please send this assessment before 9th September 11.00PM.