

You are asked to design a ASP.Net Core Project using MSSQL. Note that, you are requested not to use Entity Framework or Entity Framework Core. You may use Dapper or ADO. Net to connect database to the ASP.NET Core Project. You have the following requirements. Please make sure you follow the notes seriously and implement to your system.

- Make a functional Sign In/ Sign Up Page. The Web Page will have Email and Password to Log In.
- If new user, Register. When Register clicked, a Modal will appear to create new user. The new user will have following fields.

Display Name	Database Field Name	Datatype	Length
Not to be displayed	userId	Number starting from 0000001	7
First Name	fName	Alphabets (No Number or Special Character)	100
Last Name	lName	Alphabets (No Number or Special Character)	100
Phone	phoneNo	Number	15
Email	emailNo	AphaNumerical+Special	250
City	userCity	Foreign Key from City Table	Max Int
Image	userImg	Image Url	3000
CV Upload	userCV	PDF/Doc/Excel Url	3000
Password	password	AphaNumerical+Special	500
Date Of Birth	dob	datetime	
Gender	-	-	-

Note:

1. You can name the table as “TblUsers”.
  2. Create a City Table which has parent to another table Country.  
“TblCity” will have cityId, cityName, countryId.  
“TblCountry” will have countryId, countryName  
Example: New Delhi, ModdhaPradesh etc. are cities of India, Dhaka, Chittagong etc. are cities of Bangladesh.  
Make sure you have this relation on your database table.
  3. The userId field will be auto incremented. But make sure for the male user set only the even numbers and female user set only odd number and other user will have only prime numbers. Example: 0000001(odd)-Rumina Begum (Female), 0000002(prime)-Rasheda(Other), 0000004- Rahim(Male) and so on. Gender field will be just in the web page. It will be a static select which will have Male, Female and Others as options. When user select it, userId autoincrements as per the above requirement.
  4. Image Upload and CV Upload will be on the folder directory and directory path will be saved to database.
  5. City and Country field will be select/dropdown. When Country selected it will display all the cities of that Country only.
  6. Make sure no can enter fName, emailNo, phoneNo field of database, empty or null. Give restrictions on the database level.
- After Successful login, the user can see only his information like your facebook profile.

Orientation of the Web Page:

Image Display

Name: Md. Rashedul Haque (First Name+ Last Name)

Age: 34 (Calculate from Date of Birth)

Gender: Male (From UserId Pattern)

Address: Dhaka, Bangladesh (From City Country table)

Phone: 0123456789

Email: [xyz4@re.com](mailto:xyz4@re.com)

View CV (Button: When clicked downloads the CV to your computer.)

Edit Information (Button: When clicked will allow the user to edit all the information which will follow the register modal of the login page.)

- Make a login for admin in the same login function. No need to save that in the database. Just hard code the email: [admin@admin.com](mailto:admin@admin.com) and password: @123@ . After login as Admin, he can see all the user list of the system. The User List will have sorting by Alphabets and Pagination facilities.