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**Lab 1**

**2. Lab status:**

All the parts of the lab work very well, I completed all the requirements.

Here are details what working is:

1. User log in and sign up
2. Update their profile (FirstName, LastName, Email, PhoneNumber, BirthDate)
3. Manage the role (Authentication and Authorize) for Manager, Employee and User.
4. CRUD for Manager

3. Three things I learnt from the lab.

* Learnt how to create the class that work with Identity and without duplicating the fields.
* Learnt how to add roles (to set up role based for allow them in certain action), user and database modifications during the program set up (use package manager to migrate and update database)
* Learnt how to read database with sql explorer and understand them during working

Three areas that I need to work on based on the lab

* I need to go through the lecture to make sure that I do not miss any important information.
* I need to practice and improve my debugging details so that I can figure my error out faster.
* I also need to read the introduction and deeply understand it so I can know which step is better to do first which one for later.

**Test plan:**

* Making sure no error during starts up
* Checking the default role which Manager and Employee. (I can check and see if its in the database)
* Checking all role-base authorization
* Checking user registration which ensure that user is created and stored in database.
* Checking user login and update their information.
* Checking CRUD for Manager (Trying each functionality)
* Checking Read only for Employee (Trying the functionality and trying to get access in forbidden URL)
* Handling error which is show them validation message.
* Checking User and Anonymous ability for accessing CRUD (Employers home page)

**Its all passed**

A screenshot of a computer

Description automatically generated

POV: Employee

A screenshot of a computer

Description automatically generated

Employee is only able to read details and employees page cannot access to CUD

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

Manager View Employers Page

A screenshot of a computer

Description automatically generated

CRUD for Manager

A screenshot of a computer

Description automatically generated

Unauthorize User (Including Anonymous) they can see the employer Page (Index Page)

A screenshot of a computer

Description automatically generated

Cannot access to anything CRUD

A screenshot of a computer

Description automatically generated

Changing information

A screenshot of a computer

Description automatically generated

User Register