1) VRAJ PATEL, 000904793, Lab 1

2. Company controller fully implemented with role-based access. Supervisor role can create, edit, and delete the companies. Whereases, Employee only have read only access they can only see the details of company they can’t change anything for company data. Unauthenticated user doesn’t have access to company data.

3. Three things I learned from this lab:

* How to use Microsoft Identity for authentication and implement role-based access in applications.
* How to seed data into the database for ASP.NET applications.
* How to use scaffolding for controllers and models.

4) Areas I need to work on:

* I need more practice debugging errors in ASP.NET, as it takes too much time to resolve issues.
* I need to learn new identity features
* I need more practice with Entity Framework migrations

5) Screenshots

Normal user dashboard view  
A screenshot of a computer

AI-generated content may be incorrect.

Unauthenticated user trying to access Index page of Companies access denied  
A screenshot of a computer

AI-generated content may be incorrect.

Register Page for Unauthenticated user (Normal User)  
A screenshot of a computer

AI-generated content may be incorrect.

Registering new Unauthenticated user (normal user) by leaving one city field null  
A screenshot of a computer

AI-generated content may be incorrect.

Successfully login to new Unauthenticated user  
A screenshot of a computer

AI-generated content may be incorrect.

Supervisor dashboard view  
A screenshot of a computer

AI-generated content may be incorrect.

Index page of companies for Supervisor  
A screenshot of a computer

AI-generated content may be incorrect.

Supervisor creates a new company  
A screenshot of a computer

AI-generated content may be incorrect.

Supervisor adds data for a new company  
A screenshot of a computer

AI-generated content may be incorrect.

Successfully added company data by Supervisor  
A screenshot of a computer

AI-generated content may be incorrect.

Supervisor edits company details.  
A screenshot of a computer

AI-generated content may be incorrect.

Supervisor edits company details successfully ( change year of company from 60 to 70)

A screenshot of a computer

AI-generated content may be incorrect.

Supervisor view for Details page  
A screenshot of a computer

AI-generated content may be incorrect.

Supervisor deleting company   
A screenshot of a computer

AI-generated content may be incorrect.

After deleting company by supervisor  
A screenshot of a computer

AI-generated content may be incorrect.

Employee dashboard view  
A screenshot of a computer

AI-generated content may be incorrect.

Employee views company list (Index)  
A screenshot of a computer

AI-generated content may be incorrect.

Edit page access denied for employee user  
A screenshot of a computer

AI-generated content may be incorrect.

Employee view for details page  
A screenshot of a computer

AI-generated content may be incorrect.

Delete page access denied for employee  
A screenshot of a computer

AI-generated content may be incorrect.