**Project name:** Business Community Directory - BCD

**Your name:** Zeeshan Rais

**Repo URL**: <https://github.com/zraees/lut/tree/main/fullstack/BCD>

**Public URL**: <https://helpful-brigadeiros-d0d02a.netlify.app/>

**Weekly Progress Report**

**Your backend stack:**

1. **Briefly describe the stack you will use to communicate between your backend and frontend. Will it be REST, WebSockets, or something else?**

The frontend application communicates with the backend via REST APIs that I created using ASP.NET Web API Core.

1. **Describe your hosting solution. If it's a service, list its URL:**

The backend hasn't been deployed yet, but I plan to use either Netlify or Azure Apps.

1. **List documentation that describes how your hosting solution supports your stack (URLs):**

While Netlify doesn't directly support .NET, I believe we can work around this using Netlify functions; however, my main plan is to deploy the backend on Azure.

**General Questions**

1. **Did you meet with a classmate or coalition this week to discuss your projects? How did that go?**

I met with a few of them to chat casually about their projects.

1. **What specific progress did you make this week?** (Feel free to include technical achievements and roadblocks you've encountered)

I developed the backend architecture using onion architecture for the APIs, utilizing EF Core as the ORM, and began wireframing the frontend app in React, which I deployed on Netlify.

1. **What do you plan to accomplish in the coming week?**

I’m working on writing some API endpoints and attempting to deploy them on Azure.

1. **What must you learn or improve to implement your next steps?**

Azure App deployment and React.

1. **How will you fill any gaps in your knowledge? What resources will you use?**

YouTube and AI tools

1. **Describe any challenges or blockers you are currently facing.**

Not really, but I'm learning a new library for the frontend and Azure for the backend.

1. **Have you deployed any updates to your public URL?**  
   If **yes,** what has been updated since the last report? Some UI wireframes  
   If **no,** do you have a timeline for deployment?
2. **How is your motivation level?** Are you excited, demoralized, determined, intimidated, or something else?

I'm excited about React and Azure!

1. **Do you have a plan to gather feedback on your project?** (Peers, classmates, external testers?)

Not yet.

1. **Is there a topic or tool you'd like covered in class or a future resource you'd find helpful?**Some project management tools