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

**Summary** (singular purpose): The Business Community Directory connects users with local businesses, allowing them to discover, review, and rate services and products in their area, while promoting support for local enterprises.

**Detailed description**: The Business Community Directory is an interactive web application developed to ease the finding of local businesses. Users can search for businesses by city, category, or text and view comprehensive profiles that include photos, operating hours, and contact information. The platform allows users to add reviews and ratings, promoting community involvement and assisting local businesses. A unified map feature offers a visual representation of business places, enhancing the user experience. With user accounts, users can manage their reviews, and get recommendations or suggestions. An admin panel enables operative management of business listings and check user reviews.

**Github links:**

**Backend:** <https://github.com/zraees/fullstact-bcd-backend>

**Frontend:** <https://github.com/zraees/fullstack-bcd-frontend>

**Deployed links:** (Note: The backend is deployed on a free Azure account. Please inform me if it expires, and I will redeploy it.)

**Backend:** <https://bcdapi.azurewebsites.net/api/users/getuser> (sample endpoint)

**Frontend:** <https://deft-biscuit-82a2a1.netlify.app/>

**Default users to use application:**

|  |  |  |
| --- | --- | --- |
| **Username** | **Password** | **Role** |
| [admin@bcd.com](mailto:admin@bcd.com) | admin123 | Admin |
| [user@bcd.com](mailto:user@bcd.com) | user123 | User |
|  |  |  |

**Tech stack:**

|  |  |  |
| --- | --- | --- |
| **Frontend** | **Backend** | **Deployment** |
| * React * Bootstrap * Jest and react testing library for Unit test | * **.**Net core 8 * EF core * Azure SQL * xUnit for unit testing * Used Onion architecture | * Frontend on **Netlify** * Backend on **Azure** |

**Installation Instruction:**

**Frontend:**

* Clone the repo from link (<https://github.com/zraees/fullstack-bcd-frontend>)
* Prerequisites are NodeJs, and vs code.
* Run following commands
  + npm install
  + npm run dev
* update backend url in env file.

**Backend:**

* Clone the repo from (<https://github.com/zraees/fullstact-bcd-backend>).
* Prerequisites are visual studio 2022, and MS SQL Server (or Azure SQL).
* Optional step: (if database not created automatically)
  + Add-migration
  + Update-database
* Change database connectionstring in appsetting.
* Run the application and set backend url in react project.

**User Manual:**