

✅ Features

- View all employees in a clean card layout
- Add a new employee with form validation
- Edit existing employee details
- Delete employees from the list
- Filter by **first name**, **department**, or **role**
- Search by **name** or **email**
- Sort employees by **first name** or **department**
- Responsive design for desktop, tablet, and mobile
- Paginated view (optional)
- No backend – all data handled locally

🛠 Technologies Used

- HTML5
- CSS3
- Vanilla JavaScript (no libraries/frameworks)
- Freemarker-style templating simulated via JS
- Visual Studio Code
- Live Server for development

🚀 How to Run

Option 1: Run Locally

1. Clone or download this repository
2. Open `index.html` in a browser OR use VS Code's **Live Server**

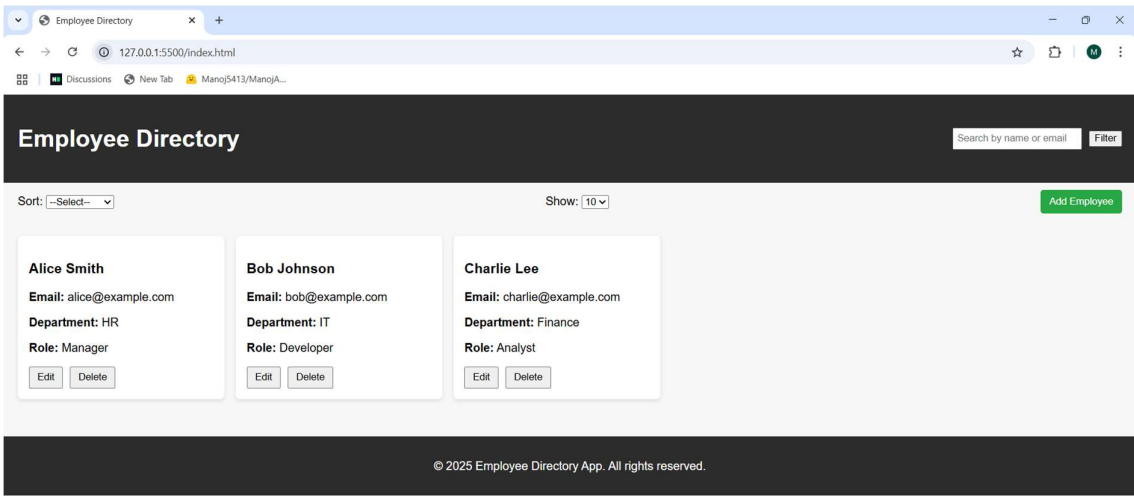
3. To test Add/Edit functionality, click **“Add Employee”**

Option 2: View Online (GitHub Pages / Netlify)

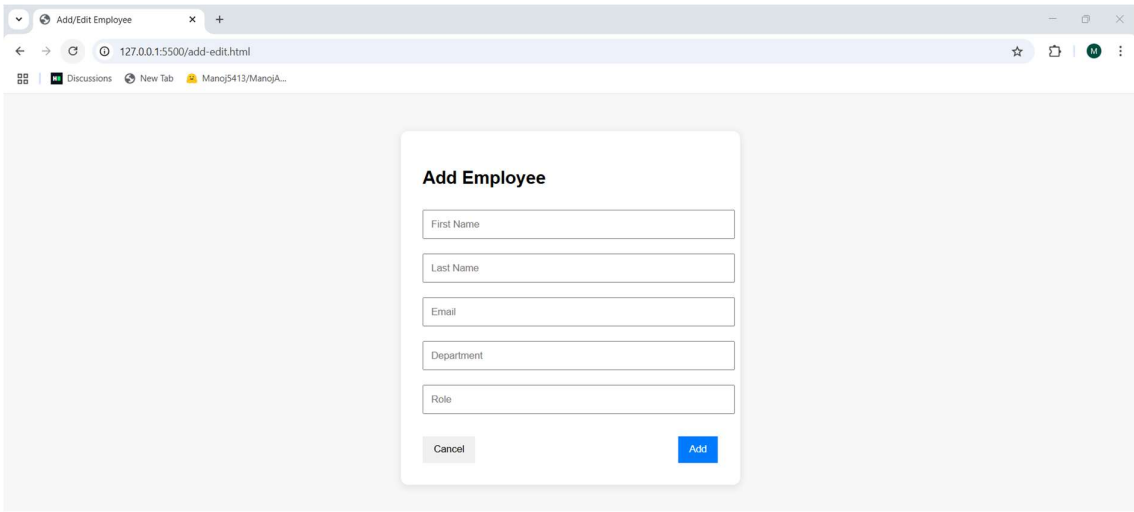
Visit: https://your-username.github.io/employee-directory(#)

(Replace with your actual URL)

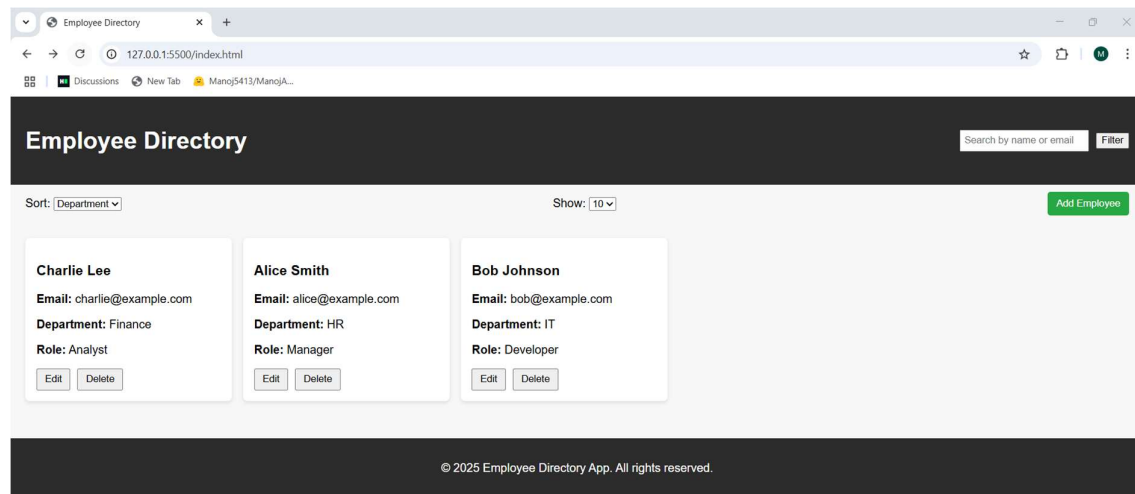
-Dashboard page



-Add/Edit employee form



- Filter/search UI



💡 Reflection

Challenges Faced:

- Managing shared data across `index.html` and `add-edit.html` using JavaScript and URL params
- Handling validations and dynamic DOM rendering cleanly

What I'd Improve With More Time:

- Add persistent storage using localStorage
- Use proper Freemarker with a Java backend
- Improve UI/UX with animations and error highlighting

🙌 Author

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