

# HOW TO DEPLOY IT ON A LOCALHOST

To run your **Accessibility Checker App** on your local machine (localhost) for development and testing, follow these steps:

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## Step 1: Prerequisites

Ensure the following are installed:

- **Node.js:** To run the React app and Node.js backend.
  - **npm:** For package management.
  - **Git:** To clone the repository (if not already done).
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## Step 2: Clone the Repository

If you haven't cloned your project already, do so now:

```
git clone https://github.com/charlesbuwa/Accessibility-App-demo.git
cd Accessibility-App-demo
```

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## Step 3: Run the Backend

### 1. Navigate to the Backend Folder

```
cd backend
```

### 2. Install Dependencies

```
npm install
```

### 3. Start the Backend Server

Run the Node.js backend server:

```
node server.js
```

- The backend should now be running on `http://localhost:5000` (or the port specified in your code).
  - Test it by making a POST request to `http://localhost:5000/upload` using tools like **Postman** or **curl**.
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## Step 4: Run the Frontend

### 1. Navigate to the Frontend Folder

```
cd ../frontend
```

### 2. Install Dependencies

```
npm install
```

### 3. Start the React Development Server

```
npm start
```

- The frontend should now be running on `http://localhost:3000`.
  - Open this URL in your browser to view the app.
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## Step 5: Configure CORS for Local Testing

To allow your frontend (`http://localhost:3000`) to communicate with your backend (`http://localhost:5000`), update your backend's `server.js` file to enable **CORS**:

1. Install the **CORS** package:

```
npm install cors
```

2. Add this code in `server.js`:

```
const cors = require('cors');  
app.use(cors({ origin: 'http://localhost:3000' }));
```

3. Restart the backend server.
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## Step 6: Test the Application

1. Open `http://localhost:3000` in your browser.
  2. Use the file upload form to submit an HTML file.
  3. Verify the results are displayed after the API processes the file.
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