

Project Setup & Execution Instructions

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System Requirements

- Windows OS
- Node.js (v18+ recommended)
- npm
- PowerShell
- Visual Studio Code
- Web Browser (Chrome/Edge)

• Project Structure

```
cyseck/  
├── backend/  
│   ├── index.js  
│   ├── package.json  
│   └── node_modules/  
└── frontend/  
    ├── src/  
    ├── public/  
    └── package.json
```

-----Backend Setup-----

Step 1: Navigate to backend folder

```
cd C:\Users\Mahendar\cyseck\backend
```

step2: install dependencies

```
npm install
```

step3: start backend server

```
node index.js
```

Expected Output:

Backend running on port 5000

step4: Testing Backend APIs Using PowerShell

```
Invoke-RestMethod -Uri http://localhost:5000/auth/request-otp `
```

```
-Method POST `
```

```
-Headers @{ "Content-Type" = "application/json" } `
```

```
-Body '{"emailOrPhone":"test@example.com"}'
```

Step5: OTP Output in Backend Console

-----Frontend Setup-----

Step 1: Navigate to frontend folder

```
cd C:\Users\Mahendar\cyseck\frontend
```

step2: Install frontend dependencies

```
npm install
```

step3: Start React application

```
npm start
```

step4: Frontend runs at local

```
http://localhost:3000
```