

# Deploying the NYC Volunteer Management System on Windows 11

## Prerequisites

- WSL version 1.1.3.0 or later

## Steps

1. Download and install **Docker Desktop for Windows** (download *Docker Desktop for Windows-x86\_64*).
2. Open the **Docker Desktop** application and go to the **"Settings"** page.
3. Click the **"Resources"** tab, and then click the **"WSL Integration"** option.
4. Make sure that the **"Enable integration with my default WSL distro"** option is checked.
5. Click the **"Apply & Restart"** button to save the changes and restart Docker.
6. Open a command prompt or PowerShell window.
7. Build the Docker Containers using the command:  

```
docker-compose build
```
8. Start the Containers using the command:  

```
docker-compose up
```
9. Access the Services:
  - **Django Backend:** Open a browser and navigate to `http://localhost:8000`.
  - **React Frontend:** Open `http://localhost:3000`.

## Finding Your Local IP Address

1. Click on the **Start** menu, type **cmd** in the search box, and press enter to open the command prompt.
2. Type the command:  

```
ipconfig /all
```
3. Your local IP address will be the **IPv4 Address** listed.