

Introduction

Where is the power is a web app accessible on mobile and desktop that gives the user a map overlay of areas where loadshedding is currently happening, to help assist users navigate their routes through these dark times. To get a local instance of the system running on your personal computer, you need to start the backend and the frontend independantly. Database is classified currently.

Prerequisites

Before installing the system, ensure you have the following prerequisites installed:

1. Node - Version 16

[Installing Node](#)

2. Ionic - Version 7.1.1

```
npm install -g @ionic/cli more info
```

Installation

Follow the steps below to install and run the system:

1. Clone the master branch of the repository from GitHub:

```
git clone https://github.com/COS301-SE-2023/Where-is-the-power
```

2. Move to the api directory

```
cd Where-is-the-power/api
```

3. Start the backend

```
cargo run
```

4. Move to the app direcotry

```
cd Where-is-the-power/app
```

5. Install all other dependencies

```
npm install
```

6. Start the frontend

```
ionic serve -o
```

7. For more info on how to use the system consult the [User Manual](#).