

Deploying frontend and server repos

- Frontend code can be hosted on Netlify - <https://www.netlify.com/>
- Server code can be hosted on Heroku - https://signup.heroku.com/t/platform?c=70130000001xDpdAAE&gclid=EAlaIQobChMIw_almNDu6QIVha_ICh0xuAPCEAAYASAAEgl-cfD_BwE
- Both allow you to automatically deploy your code for free straight from GitHub with little configuration.

Setting up Environment Variables

Server .env variables

1. Insert API Keys or IDs from the following sites into the .env file template provided
 - **NewsAPI** - instructions: <https://newsapi.org/docs/get-started>
 - **HEREWeather** - instructions: <https://developer.here.com/sign-up?create=Freemium-Basic&keepState=true&step=account>
2. Add DATABASE_URL value in .env file or with host.
 - You can also add values for "DATABASE_URL" into .env file. (I do not have the database url saved in my .env since I am hosting the server on Heroku which allows me to save some environment variables there instead.)
To obtain your database url value, follow these instructions - https://www.mongodb.com/cloud/atlas?tck=docs_server. This url will be used when the app is deployed.
3. Install MongoDB locally
 - This allows you to run a local database when developing locally - <https://docs.mongodb.com/manual/installation/>
4. Setup CORS - for deployment
 - You can also add values for CLIENT_ORIGIN and CLIENT_ORIGIN_TWO to your .env file or your server host. These values should point to the URLs where your front end code is hosted.
5. Once template is filled out, insert file called ".env" in the project root of intl-vulnerability-server and paste in template.

Frontend environment variables

- Insert your production server URL into `/src/config.js`. This can be saved directly to file or in host's environment variables

```
module.exports = {  
  PORT: process.env.PORT || 8080,  
  API_BASE_URL:  
    INSERT_SERVER_URL_HERE ||  
    "http://localhost:8080"  
};
```

- Windy - <https://api.windy.com/map-forecast/docs>
 - Insert key into the component below or store in hosting site's environment variables if possible (You can do this if hosting on Netlify for example).

```
// intl-vulnerability-dashboard  
// /src/components/Windy.js  
  
import React from "react";  
  
export default class Windy extends React.Component {  
  componentDidMount() {  
    const options = {  
      key: process.env.REACT_APP_MAP_KEY || "INSERT KEY HERE",  
      verbose: true,  
      lat: this.props.latLong[0],  
      lon: this.props.latLong[1],  
      zoom: 4  
    };  
  };  
  window.windyInit(options, windyAPI => {});  
}  
render() {  
  return <div id="windy"></div>;  
}  
}
```

Refer to README files inside repositories for further instructions on running the app locally.