

Landscape Architecture Map & Database Documentation

Accounts for login:

The Gmail account is for logging into the website hosting provider as well as the database hosting provider. Gmail is also the administrator account for the map site. The email address for all of these services can be changed. The email address that is used for the mapping site is required to be a gmail account.

Landscape Architecture Map Site URL:

<https://landscape-architecture-map.onrender.com/>

When first using the Landscape Architecture Map site, log in with the email address below and add the Gmail of your choice on the users page.

It is recommended that the password and recovery email be changed.

Gmail: landscapearchitecturemap@gmail.com

Password: j1dTbSxbzGA8SI

Website host:

<https://render.com/>

Log in with Gmail

Database host:

<https://turso.tech/>

Log in with Gmail

Source code:

https://github.com/Tommy-Brennan/Landscape_Architecture.git

Future development:

If possible, working with UMD IT Web Services to host the website and database on UMD servers is recommended to avoid service interruptions.

If a future team works on the site:

Node.js is a requirement to work on the backend and frontend.

After installing Node, run the following command in the terminal in the root project folder:

```
npm install
```

Installs any dependencies required for the project to run in a development environment.

npm start

Runs the dev server locally on
localhost:3000

Leaflet.js is the mapping framework used in this project. The database is a libSQL database hosted through Turso's platform.

Turso's free tier offers 500 million row reads and 10 million row writes monthly for free. This should be more than enough to meet the project's needs.

ENVIRONMENT VARIABLES:

Environment variables are secret and should not be shared in public spaces like GitHub. They are API Keys or other secrets that give the site access to services. In the case of this project, those services are the Turso database and Google Authentication services. The environment variables are stored on the hosting provider Render.com. They are included here because, for security reasons, they would not be found in this project's GitHub page.

TURSO Database URL:

TURSO_DATABASE_URL= libsql://projects-landscapearch.aws-us-east-1.turso.io

TURSO API KEY:

TURSO_AUTH_TOKEN=eyJhbGciOiJIJFZERTQSIlnR5cCI6IkpXVCJ9.eyJhIjoicnciLCJpYXQiOiJlE3NDU0NjU5NzksImkljoiZGE1M2E4Y2UtMTZkOS00NTI2LTk4ODgtNzhmZDRjN2I5OTk2IiwicmlkljoiYWwrNmYzYWmtZjI1My00NzNLTg2MmEtMWY0NmE2NWE0YzgyIn0.DfrKY3BfABng8GXXKpOmrTA11DxGifOOfJ6eRrFZo6ZGQomO-GjSH6C0t02gaPGj1LC1Uwppr2SV444NN2O51CA

Google Authentication:

GOOGLE_CLIENT_ID=291483116226-avivqcd6cs68bk1slb1eelp7a4jukkid.apps.googleusercontent.com
GOOGLE_CLIENT_SECRET=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

JWT Token:

A JWT token is used to store authentication information in cookies so that it remains secure.

JWT_SECRET=f8594ea94434391669865bc53465c00dd848245397f62509dabd884bb3d2cd0775570cc6d1c73b78819658f1d2afc9595d382065a8b1c94183d01822839f0585