Installation Manual
Group E – Website

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Where The Source Code Can Be Found

Code is provided on the same server that it is hosted on, see section Where The Server Can Be Found for the link to the server.

Note: updates to the code will be distributed using Github (https://github.com/ma-altaf/CSCI_3428), However, as of now the GitHub repository is only available to the group members due to client's request.

Where The Server Can Be Found

Link: http://ugdev.cs.smu.ca/~group23E/

Server Credentials

Server:
Username: group23E
Password: 41AustriaLeaderThin

Mongo:
Username: group23E
Password: 41AustriaLeaderThin

Server Preparation

Using a SSH terminal (ex: PuTTy), login using the server credentials (see Server Credentials section for username and password) for group E to access the project. After logging in to the ugdev account for group E, the following snippet will allow you to go to the working directory and run the server code:

```
cd public_html/server ↵
npm i ↵
```

- In order to add the map markers, run the following script after logging into the server.

mongo -ugroup23E -authenticationDatabase group23E -p

<password>*

use group23E

db.mapmarkers.insertMany(<mapMarkersInfoList>**);

*: Refer to Server Credentials for the password to replace <password>.

**: Replace <mapMarkersInfoList> with the map makers list found under Appendix section Map markers list.

- In order to use the email contact, feature the client needs to have a Gmail account with two factor authentication setup with a phone number then the user have to create App Password see link for further instructions on how to setup App Password, https://support.google.com/mail/answer/185833?hl=en. Once the user is done with setting up their account they have to change the GROUP_GMAIL to the Gmail address and the GMAIL_PWD to the account's App Password password, currently it is set to the group email created by Mainuddin Alam Irteja (A00446752).

Note: run "npm i" to install all the required files for the server to run.

Uploading Project Files To The Server
The files on the server are already in the required structure, thus no further.

Server Activation
Using a SSH terminal (ex: PuTTy), login using the server credentials (see Server Credentials section for username and password) for group E to access the project. After logging in to the ugdev account for group E, the following snippet will allow you to go to the working directory and run the server code:

cd public_html/server ↵
nohup node server.js & ↵

NOTE: the above code will keep the server running even if the user leaves the terminal.

Client URL
Client link: http://ugdev.cs.smu.ca/~group23E/client/

Appendix
Map markers list
[{"x" : 500, "y" : 386, "description" : "description of the image", "imgUrl" : "https://ugdev.cs.smu.ca/~group23E/server/assets/mapMarkers/default.jpg", "title" : "Trailhead"},{"x" : 640, "y" : 500, "description" : "description of the image", "imgUrl" : "https://ugdev.cs.smu.ca/~group23E/server/assets/mapMarkers/default.jpg", "title" : "Hazelnut tree"},{"x" : 706, "y" : 615, "description" : "description of the image", "imgUrl" : "https://ugdev.cs.smu.ca/~group23E/server/assets/mapMarkers/default.jpg", "title" : "Big Apple Tree"},{"x" : 775, "y" : 624, "description" : "description of the image", "imgUrl" : "https://ugdev.cs.smu.ca/~group23E/server/assets/mapMarkers/default.jpg", "title" : "Pear Tree"},{"x" : 790, "y" : 685, "description" : "description of the image", "imgUrl" : "https://ugdev.cs.smu.ca/~group23E/server/assets/mapMarkers/default.jpg", "title" : "Cherry-Honeysuckle Arch"},{"x" : 780, "y" : 745, "description" : "description of the image", "imgUrl" : "https://ugdev.cs.smu.ca/~group23E/server/assets/mapMarkers/default.jpg", "title" : "Spruce Grove"},{"x" : 860, "y" : 764, "description" : "Foundation that is shown here represents a hut that was built around the 1700s.", "imgUrl" : "https://ugdev.cs.smu.ca/~group23E/server/assets/mapMarkers/foundation.jpg", "title" : "Foundation"},{"x" : 955, "y" : 830, "description" : "description of the image", "imgUrl" : "https://ugdev.cs.smu.ca/~group23E/server/assets/mapMarkers/default.jpg", "title" : "Open Honeysuckle, sweet cherry"},{"x" : 1035, "y" : 880, "description" : "description of the image", "imgUrl" : "https://ugdev.cs.smu.ca/~group23E/server/assets/mapMarkers/default.jpg", "title" : "Enter Big Grove"},{"x" : 1010, "y" : 950, "description" : "One of the wells within French Village that show that there were people living here before.", "imgUrl" : "https://ugdev.cs.smu.ca/~group23E/server/assets/mapMarkers/well.jpg", "title" : "Well"},{"x" : 1140, "y" : 1000, "description" : "description of the image", "imgUrl" : "https://ugdev.cs.smu.ca/~group23E/server/assets/mapMarkers/default.jpg", "title" : "Very Big Apple Tree"},{"x" : 1240, "y" : 990, "description" : "Lorem ipsum dolor sit amet consectetur adipisicing elit. Nulla fuga, provident voluptas quas pariatur laboriosam porro atque excepturi fugit dicta", "imgUrl" : "https://ugdev.cs.smu.ca/~group23E/server/assets/mapMarkers/default.jpg", "title" : "End of trail"}]