Maintenance Document

1. Database backups

To create a backup of the database, simply use

```
mysqldump -u root -p —all-databases > backup.sql
```

To dump the contents into a restore script called "`backup.sql`"
To restore from this backup, log into the mysql console and run the backup script as follows

```
mysql -u root -p
source backup.sql
```

2. Source Control

The current location of the source is on Github and can be pulled with the following command

```
git clone https://github.com/alexhillc/family-map
```

To commit changes to this branch, either ask the current maintainer or fork the project.
The rails code is found within /blog/ and from there the project has a standard rails project layout. For example, most of the web app code is found within /blog/app/

3. SSL Cert, Domain Name, and Web Hosting
3.a. SSL Certificate
We have installed and recommend the future maintainers use the free certificate authority "Let's Encrypt" https://letsencrypt.org/
Beware that a future name change and new home for the project was announced early in March 2016 – and as such information regarding obtaining/renewing certificate will not be detailed here – as they would likely soon be out of date.

3.b. Domain Name
The domain names are from a free service from "noip" http://www.noip.com
We do not recommend you use their free service and instead use a paid service like domain.com or godaddy. If you insist on using a free service, ".tk" registrations are free and come with a 12 month activation period.

3.c. Web Hosting
This project was hosted on Amazon web services on a group members personal Amazon account for the 12 month free period Amazon offers. We recommend future use of Amazon or Google cloud services in the future. Contact Alex Hill via his Github or Western Michigan University email address alex.c.hill@wmich.edu if you want the cloud instance transferred.

4. Installation

To help along with installation, a guide has been provided under the named "INSTALL.pdf." If automated installation fails, this guide provides a step-by-step solution to all of your installation questions.