GeoPost Group Report 7

HTTP Requests/Routes

Sam:
GET /search/:query
GET /user/:userID
GET /getcomments/:postID
GET /hot/:count
POST /post/comment/

The permissions are universal. All users and potentially even non registered users can do searches on GeoPost and view individuals.
userID is also public because it is the identifier to an individual's profile instead of being a number.

Phil:
PUT /:userid/message
GET /:userid/messages
PUT /:userid/message/:chat/read

The permissions are only for the user whose id matches the userid. This way messages between two individual people are private between them and can't be accessed by people with a link.

Henrique:
GET /:userid/posts

There are no special permission for this since the logged in user has access to all messages in feed.

Kevin:
PUT /user/:userid/user_info
User_schema

Special Setup:
There is no additional server setup required to run our project other than the standard setup used in workshop 7

Individual contributions:
Sam: Updated search and hot to work on mongoDB, added text index and posts to mongoDB to allow the search functions to be done directly on mongo, moved the comments to mongoDB, created a dynamic map using the google maps api that has interactive features. Also implemented the commenting system on the hot page and search results pages.
Phil: Messages was moved to mongoDB, and sent messages now save to the database properly on future visits until reset.
Daoxu: Wrote most of report 7 based on the group's contributions. Updated profile in a manner that allows it to communicate with mongoDB
Henrique: Updated index to work for mongoDB, added resetDatabase() button for Mike to implement
Mike: Working on implementing a resetDatabase() function and its corresponding button. Contributed towards writing the report and helped add profile to mongoDB
Kevin: Updated profileSettings to allow changes to the user's information, as well as adding profileSettings to mongoDB

Lingering Bugs/Issues/Dropped Features:

The index currently does not support upvoting and downvoting posts. Also in index, the post section connects to the DB and updates it, however, it does not show in the feed. There is no authentication system for GeoPost as we ran out of time as well. In messages, the messages do not get saved for the recipient, since we did not implement multiple users and for demonstration purposes it was deemed unnecessary. On the hot pages and search result pages, the "view full post" button redirects to the index instead of opening a modal as initially intended.