

GeoPost report SA4

Widgets

Header: Includes our company name (clicking will redirect you to the homepage if you are logged in, and to log in otherwise), as well as a search bar, and other general navigation tools for the user. This header/navbar is the same across all pages in our app and will always be at the top of the screen

Contains: links to home, profile, feed, settings

Entities in our database:

Profile: A person's personal account in the database. Has certain information about the user such as name, general location, profile picture, post count, comments, net votes. The amount of information able to be seen by others has a default setting and can be changed via privacy settings

Contains: UserId, Username, Password(private), UserLocation, VoteCount, ProfileImage, Comments, Feeds

Messages: Private and direct messaging between two users. ChatId for every individual message sent and Text for every message

Contains: two UserId to note who the messages are taking place between, ChatId, Text

Feed: An assortment of posts put in a top down manner that can be organized in multiple different ways, such as most recent, most popular, or by a specific user.

Contains: PostId, VoteCount, CommentId

Post: An individual post made by a person. Every post is followed by the net votes which start at 0 if there aren't any, and comments given by anyone including the poster. Posts will include a mix of time, the user who submitted the post, a map of the local area including the location where the post was made (using the googlemaps API) as well as a text post. Nested comments might be made available depending on how much time we have.

Contains: PostId, CommentId, VoteCount,

Comment: A comment made by a user on a post that can either be a one off or spark a chain of comments. As of yet, unsure whether nested comments will be allowed or if all comments will just be a list after the original post. Potential voting system on comments in order to bury flame/rage comments.

Contains: CommentId, CommentText, PostId (for attached post)

Votes: Individual up votes and down votes given by one user to another in response to their post. The person giving the votes can (maybe) be allowed to see their record of up votes and down votes on a specific person, and the receiver can see the net votes received for the post

Contains: UserId (Voter), UserId (Receiver), PostId, VoteId, VoteResult (Positive or Negative)

