

Description of the web application

The navigations are easy for the viewer to make use of, there is a help in the navigations which explains a bit about what the viewer might encounter during the usage of the site. For example, a viewer might want to know what the update button is use for and might clicked on it getting to know that it needs to be entered a viewer id and password. So in that case the viewer could have a go on the help button.

The blog web page is about inspiring quotes. The web application uses a DataMapper for the database with sqlite3. Each time a blog is posted; the datamapper saves it in the database and then retrieves it back to the home page. In the database, there is a property of time which shows on each post the time it was created.

There are two methods of helpers is defined, the first is to block viewers from redirecting the webpage or writing into the html files and the other is for the authentication of the blogger.

Functionalities of the application

The posts can be deleted whenever the user wants any of the post to be deleted. When there is a prompt for a delete, there is a confirmatory text that appears confirming the deletion of the post. This is to ensure the user actually know the posts will be deleted. And a new one can be created through the protected method which has the route protected ('/protected').

The Update button is basically for the user to create and edit posts, when a viewer or user click on it gives a popup which request for a user id and password. Without giving the right information, the browser will reply a false notice ("Not authorized") and will not allow a viewer to update the blog post.

The facebook-like button is when the viewer really likes the blog and with this, others get to know about the blog

Gems to be installed

The web application uses datamapper and a default is set which automatically generate its database. To run the web application, there will be a need to install; sqlite3, datamapper, dm-sqlite-adapter (“gem install sqlite3 datamapper dm-sqlite-adapter”). Also, depending on the gem list, if Sinatra is not listed, it will need to be installed (“gem install Sinatra”).

APPENDIX

1. When a new post is entered, the datamapper saves it and print it in the home page



2. This is the read only page where the viewer can see all of the posts



3. This is a view of the navigation (about)



4. The help button gives a solution to whatever problem the viewer the user might experience.



5. The function delete can be used by the blogger to delete any post that doesn't seem to be good.

