

CSCI4448 Project Writeup

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GitHub Link: github.com/Kyle-Helmick/csci4448-loop

Title: Loop

Project Summary

Loop is a fake social media platform for developers. Users sign up with Github and effectively have access to a twitter clone. They can edit their handle, location, and name and make posts to their "page". If the user chooses to, they can create a group that others can join and make posts into the group (everything is public just like twitter).

Project Requirements

id	requirements
00	The server authenticates with Github OAuth2
01	The server can access OAuth2 user data returned from Github
02	The server initializes the users' profile using the data from Github in the form of a User object
03	The server creates a document in MongoDB for the user profile
04	The server creates a websocket integrated session for the user that times out at 1 month (prompting the user to sign back in)
05	The user can edit their own profile
06	The user can make, edit, and delete any post that they own
07	The user can make, edit, and leave any group that they own
08	The group owner can delete any post made in their group
09	The user can logout

UI Mockups

See [/ui_mockups](#)

Class Diagram

See [/class_diagrams](#)