

COP5615 – Fall 2019

PROJECT - 4.2

1. Group Members

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Steps to run:

1. Unzip the file and navigate inside the folder
2. Open Terminal (with elixir installed)
3. For running:
For Simulation:
Edit the assets/js/app.js:
Comment line 17, uncomment line 18
For Run as user-interactive:
Edit the assets/js/app.js:
Uncomment line 17, Comment line 18
4. Setup the environment
Now enter command following commands:
mix deps.get
mix deps.compile
mix ecto.create
cd assets && npm install && cd ..
mix phx.server

2. Functionalities

1. Registration of an account: An account is created and this also initializes the table for the user to store data like followers list, following list, the tweets tweeted.
2. Login: Only when the user is logged in and is active in Active User table the user is able to view tweets and perform other operations like tweeting, subscribing.
3. Subscribe: One user can subscribe to another user and be able to view the subscribed user tweets and retweet the same
4. Send tweet: Each user generates tweets, which can be viewed by the followers. Similarly for simulation we used a tweet with hashtag #DOSisgreat.
5. Retweet: The retweets is done for a user picking any random tweet from a random user and then this tweet is reflected in its followers table for simulation. Whereas for user-interactive whenever there is a tweet it always provides an option to retweet that tweet.

6. Wall: Live tweets for the user is shown in the wall of the user.
7. Hashtag: Request for a specific hashtag then that tweet containing that is retrieved and shown in live feeds.
8. Mentions: Request for a specific user then that tweet containing that is retrieved and shown in live feeds.
9. Logout: Logout removes the user from the active user table.

3. Youtube Link:

<https://youtu.be/-TfEiqrWmrg>