LMC 2700

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Group 4

Assignment #4: Twitter Bot One-Page Prose

Twitter Bots are typically very whimsical and silly. They're very interactive and engaging, and the vast majority of them exist to put a smile on the faces of Twitter users. We wanted to mirror this, so we chose to create a bot that is Georgia Tech themed! Our bot posts funny Georgia Tech related phrases in repeated and programmed intervals, responds to its followers and people that mention it, retweets Georgia Tech content, and posts pictures of campus. These are the basic functions that we have programmed within our bot. We also have some functions to increase the interaction aspect of our bot. Our bot also scours Twitter for certain hashtags related to GT subject matter and reposts tweets under these categories. We wrote functions to access photos from a file and pick a random string out of a list so our bot could have variety in what it says, rather than just retweeting. Our code also allows us to retweet using hashtags, and tag users when they follow us by utilizing the twitter stream. We have conduits written into our code to avoid errors if there are no retweets or functions occurring. Our bot will notify us if all of our functions are completed successfully. We also grab the data and ID of the tweets we successfully execute functions on. Our code allows us to know which specific steps these errors occur in, so we may address these directly in debugging.

We wanted to create something that hypes up our school and makes people giggle simultaneously. Our group shares a love for humor, so we wanted that to manifest in our bot. Georgia Tech students are very passionate about their spirit, so we made sure to build a repository of responses that reflect this. Some examples of phrases from our response database are as follows: "I'm about to give sideways more than a penny to pass this final", "bobby dodd must be disappointed in our football team", "i still don't know what an eigenvalue is", "bring back T-night", and "best spot on campus is the hammocks". These are specific inside jokes for Georgia Tech students so that they can get the best possible experience out of interacting with our bot. We have other specific phrases when users interact with the bot in other ways as well. Our bot thanks users for following it or interacting with it, and includes the users' specific Twitter tag name. We wanted users to think that our bot has a personality of its own, and we hope that they enjoy interacting with our lovable creation.