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CS 411  
Final Project Proposal

We created an app that allowed users to curate a customized set of GIFs that matches their mood based on sentiment analysis done on their most recent tweets. They then have the ability to post a Tweet sharing one of the GIFs. If a user doesn't have a Twitter account, they also have the option to pick from a collection of pre-selected moods. Our app connects to the Giphy API (<https://developers.giphy.com>) to search for GIFs, the Twitter API (<https://developer.twitter.com/en/docs>) to get users' tweets and post tweets, and the Watson ToneAnalyzer (<https://www.ibm.com/watson/services/tone-analyzer/>) to analyze sentiment. Our app uses a database to store GIFs that a user has liked or disliked, which can then be viewed on either the "Likes" or "Dislikes" pages. Our app also stores the user's login information and tokens in the database for easier login in the future.