CS4398 - System Structure

The structure of our system is based on two main classes, Tweets and Users. Within these two classes, objects are created for each user and tweet. In regard to the Tweet class, each object contains a string which holds each individual tweet that gets created, as well as the user that is associated with it and who has permission to read it. In regard to the User class, each object contains a string with the name of the user, as well as the list of users that they are following. This requires both classes to be dependent on each other, they are constantly using information from one another to gather and display data. These main classes interact with a Parse database to store information separated by class; Tweet and User. The database holds any relevant information for both these classes, including users, who a user is following, passwords for each user, tweets, and the user who made each tweet.