Class Post:

Imports Calendar class

Variables (private)

String text

Calendar time

Methods:

Post (String text) - constructor

creates the Post object with text and notes the time of creation

public String toString();

to print the text in the post object.

Class Profile:

Variables (all private)

String name

String imageFile

Methods:

Profile (String n, String img); - constructor

getters/setters

Class Person extends Profile

Variables (private)

ArrayList<Post> Statuses

ArrayList<Person> Friends

Methods:

Person (String n, String img, ArrayList<Person> f); - constructor

creates ArrayLists and calls super constructor.

getters and setters

Public void addFriend(Person name);

adds a object of Person to the arrayList of friends

Public void addStatus(String s);

takes the String and creates a Post object to be stored in the list

Class Organization extends Profile

Vars (private)

String Address

String Phone

ArrayList <Post> Announcements

int likeCounter

ArrayLIst <Person> Supporters

Methods:

Organization (String n, String img, String a, String p);

calls super constructor on name and image

creates the announcements and supporters lists

getters and setters

Public void addSupporter( Person p);

adds a person to the list of supporters, increases counter by 1

Public void addAnnouncement(String a);

takes String and makes a post object, adding to announcement list

Class Database:

Variables (private)

HashMap<Profile> dt