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//author(s): Alex Berliner
package com.cyf.challengeyourfriends;

import java.util.ArrayList;

import android.util.Log;

public class Challenge {
    public String name;
    public static int ID = 0;
    public ArrayList<String> rules;
    public int completeDays;
    public String link = " ";
    public boolean hasLink;
    public int rating=1;

    public Challenge(String name, int ID, ArrayList<String> rules,
            int completeDays, int rating) {
        this.name = fixChallengeName(name);
        for (String str : rules)
            str.replace('\n', ' ');
        this.rules = rules;
        this.completeDays = completeDays;
        hasLink = false;
        ID++;
        this.rating = rating;
    }
    //sends this challenge to the server for storage
    public void sendToDB() {
        String rulesfoo="";
        for(String str : rules)
            rulesfoo += str + "___LINE___";
        int hash = (name + rulesfoo + completeDays).hashCode();

        new AddRecord(hash+"", name, completeDays+"",
                rulesfoo, rating).execute();

    }
    //returns a hash based on the name, rules, and days to complete
    public int getHash() {
        String rulesfoo="";
        for(String str : rules)
            rulesfoo += str + "___LINE___";
        return (name + rulesfoo + completeDays).hashCode();
    }
    //used for storage
    public String toString() {
        String ret = "";
        ret += name;
        ret += "\n";
        ret += ID;
        ret += "\n";
        ret += rules.size();
        ret += "\n";
        for (String str : rules) {
            ret += str;
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            ret += "\n";
        }
        ret += completeDays;
        ret += "\n";
        ret += rating;
        return ret;

    }
    //returns a string of the challenge text to be sent
    public String challengeTweet(String link) {
        String tweet;
        tweet = " has " + completeDays + " days to complete the #" + name
                + "Challenge. " + link + " #CYF";
        return tweet;
    }
    // sanitizes the challenge for db entry
    public String fixChallengeName(String challengeName) {

        String delims = "[ ]+";
        String[] tokens = challengeName.split(delims);

        String modifiedChallengeName = Character.toUpperCase(tokens[0]
                .charAt(0)) + tokens[0].substring(1);
        for (int i = 1; i < tokens.length; i++) {
            modifiedChallengeName += Character.toUpperCase(tokens[i].charAt(0))
                    + tokens[i].substring(1);
        }
        return modifiedChallengeName;
    }
    public void log(String str){
        Log.w("challenge", str);
    }
}
```