Instituto Superior de Engenharia de Lisboa

Interactive Multimedia Applications
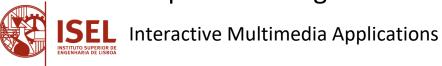
Lab Work 1

Mestrado em Engenharia Informática e Multimédia

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Creator Contests APP

App Definition

- ## Description

The mobile application that will be developed is a contest app. The idea here is for people to create contests about a topic, and for others to submit their work. After a determined amount of time, the contests will proceed to a voting phase, where users can no longer submit but can vote on their favorite submissions. When the voting phase finishes, the winners will be selected and will receive the award defined by the contest creator.

A user will be able to see another user's profile and see the work submitted on the various contests that has participated. When voting, the user will be able to vote from 1 to 5 stars, or not vote at all.

When a user creates a contest, it will choose the number of winners and the awards given to each one, it will choose the deadline for each submitting and voting phase and will choose the juries, selecting the users. These users will have a significant amount of voting power compared to non-jury users.

The type of contest will have four different types. It can be a contest about photos, about videos, about audios or about text.

- ## Web search

There were found two similar apps:

- ○ Agora

This is an app like Instagram that allows users to post photos with its description and other users can like, share, and comment on these posts. Users can also follow other users to get notified when they post something new.

The app has a section where the contests exist. They are created by the app developers and users can participate and vote on those contests. Then there is a section to see the winners of the previous contests.

Users can authenticate with Google, Facebook, and email accounts.

This app is like the previous one but adds an option to create collections in each user's profile and besides the contests, it has a section of challenges, which is the same as the contests, but users can create one.

The main differences from these apps are:

o Users won't post photos to the feed
o Users won't be able to like, comment and share posts
o User will be able to create contests with any category
o Users won't follow other users

Tasks

- A user can authenticate
- A user can create a contest, defining the number of winners, their ranking, and the award for each one, and define and the deadlines for the submitting and voting phases
- A user can enter a contest and submit their work while the contest is in the submitting phase
- A user can vote for other user's work while the contest is in the voting phase
- A user can check someone's profile and see their work submitted in the various contests they entered
- A user can see the previously existing contests and check the winners

User Research and Task Analysis

- **Audience description**
  - **Who are the users?**

    The users are friends and colleagues.

  - **Age range?**

    Early 20's.

  - **Professions?**

    Students.

  - **Schooling?**

    Taking a master's degree.

- o **Their knowledge of the technology?**

  They know how to program at least a basic app and are aware of what would be the best practices to implement one.

- o **What's the motivation to use an app of this kind?**

  They are motivated to earn something while competing with others while learning and improving their skills in areas they have a passion for.

- o **Physical characteristics?**

  As they are young, they're used to interact with the phone with their thumb, while older people are more likely used to use their index finger. Overall, more people are more likely to use the phone with their right hand.

- **Tasks description**
  - o **Desirable tasks?**
    - Authenticate with a Google account
    - Launch a contest, specifying the category
    - Search for ongoing contests by category and by its current phase (submitting or voting phases)
    - Submit their own work to a contest
    - Vote on different contests
    - Be notified upon the end of the contest they have participated
    - Be notified of new contests regarding a specific category
    - Set a contest visibility (public or by invite)
    - Share a contest with friends

  - o **Similar tools?**

    The only similar things they use are social networks like Instagram or Facebook or even Fiverr.

  - o **Information about the tasks?**
    - They know how to search for things. They're expecting a search bar at the top to search for contests
    - They know how to authenticate with a Google account

- They know how to load files to the contest if the interface is intuitive

  o **Users' experiences?**

  For example, there will be a menu for the different categories of the contest, and it would be better if that menu is located on the bottom of the app because it's more accessible while grabbing the phone with just one hand and using the thumb.

  o **How did they learn to do the tasks?**

  The overall of the tasks are executed similarly to the most common social networks they are used to use.

- # Conclusion

- **A user can authenticate with a Google account**

  Google account gets it easier to sign in and automates the process if the user has logged in previously.

- **A user can create a contest, specifying the category (photo, video, audio, or text) and visibility (public or invite only), defining the number of winners, their ranking, and the awards for each one, and define and the deadlines for the submitting and voting phases**

  The user will go through a process of specifying the settings for the contest, confirming its creation afterwards.

- **A user can enter a contest and submit their work while the contest is in the submitting phase**

  A user will be able to open a contest it's interested in participating and it will proceed with the submitting process.

- **A user can vote for other user's work while the contest is in the voting phase**

  A user will be able to open a contest and explore other users' work and vote while it's in the voting phase.

- **A user can check someone's profile and see their work submitted in the various contests they entered**

  Upon opening a user's profile, it will be able to see the various works published by that user.

- **A user can see the previously existing contests and check the winners**

  There will be a section of the previous contest and people will be able to see the winners upon opening.

- **A user can share contests**

  There will be an option to share a link to a contest.