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Smile Alarm

Description

Wake up every day by smiling for 5 seconds to dismiss your alarm clock. Smile Alarm team wishes you an amazing day!

Intended User

- Person with interest in improving their waking up habits.
- Curious users

Features

List the main features of your app. For example:

- Displays user's alarm configuration
- Edit alarm
- Smile for 5 seconds to turn off the alarm

- Stores alarm data in a MySQL database and a Content Provider
- Uses Google Play Services Face Detection library to detect smile time upon wake up
- Uses Google Play Services Analytics
- Widget Displays waking up alarm time
- AsyncTask used to load pictures

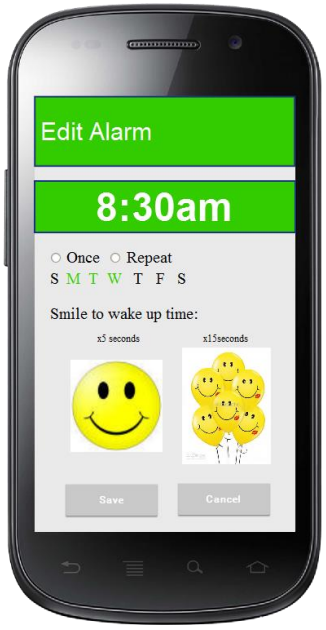
User Interface Mocks

These can be created by hand (take a photo of your drawings and insert them in this flow), or using a program like Photoshop or Balsamiq.

Screen 1

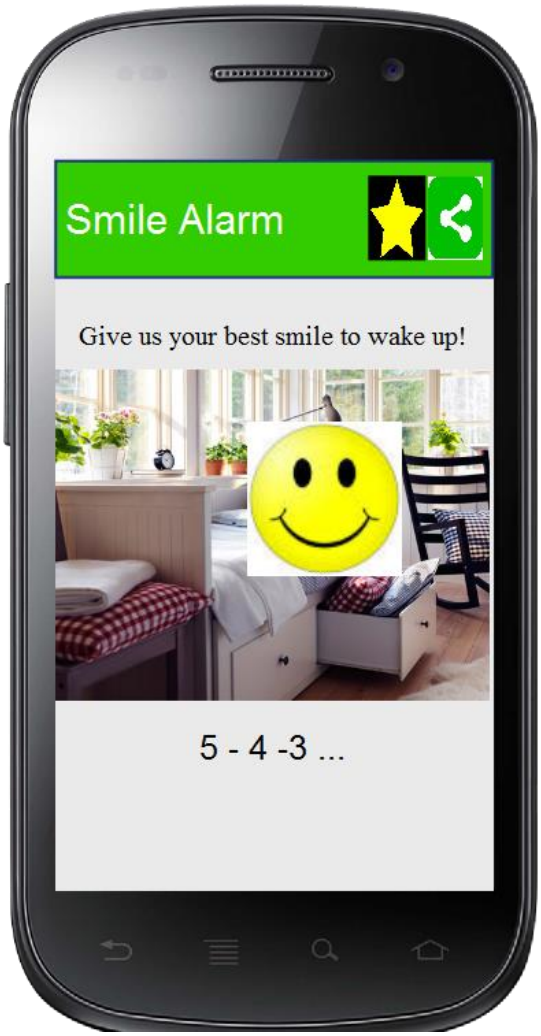
Main screen. Shows Alarm time, next alarm time, days alarm is on and wake up mode (5 secs smile here) with an optional share and rate. Clicking on the alarm opens the Edit Alarm screen.

Screen 2



Edit the alarm. Once, repeat, choose your days and choose your wakeup smile time!

Screen 3



Alarm is ringing! Smile for 5 seconds to dismiss. Once dismissed, a congratulations Toast is displayed and the user is sent to the main screen

Key Considerations

How will your app handle data persistence?

Build my own Content Provider

Describe any corner cases in the UX.

Should be pretty simple, user flow was described in the Screens above :).

Describe any libraries you'll be using and share your reasoning for including them.

Picasso to handle the loading and caching of images.
GooglePlayServices Face Detection - detect smiling time
GooglePlayServices Analytics - have insights on how people react in the app
Timber for Logging
Will add more later if required

Next Steps: Required Tasks

This is the section where you can take the main features of your app (declared above) and decompose them into tangible technical tasks that you can complete incrementally until you have a finished app.

Task 1: Capture and Store user's alarm preferences

Build Edit Alarm UI and store the data in a Content Provider and register the alarm with the alarm manager

Task 2: Display user's alarm in the Main Screen

Build the Main Screen UI and pull data from the content providers. Clicking on the Main screen's information takes to Edit Alarm Screen

Task 3: Implement Google Play Services Face Detection

The alarmmanager fires the alarm. Google FD is launched, UI will be updated and user will be sent to main screen once he has smiled for the agreed period of time :).
Optional after user smiling he can share and rate our app.

Submission Instructions

1. After you've completed all the sections, download this document as a PDF [File → Download as PDF]
2. Create a new GitHub repo for the capstone. Name it "**Capstone Project**"
3. Add this document to your repo. Make sure it's named "**Capstone_Stage1.pdf**"