SmartApp

(An Android based app to prevent fatigue for abnormal usage of Smartphones and to use phone health consciously)

Team Members

1. Longfei Zeng
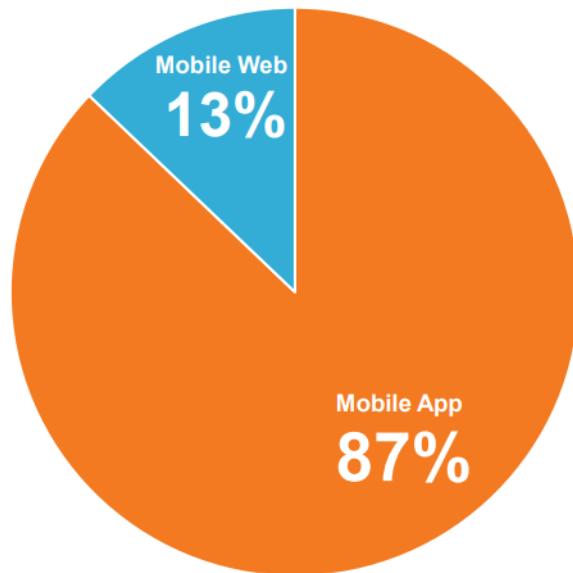   Student ID : 0699514
2. Md Shahriar Kabir
   Student ID : 0866185

Github URL: https://github.com/mkabir1lakehead/SmartApp

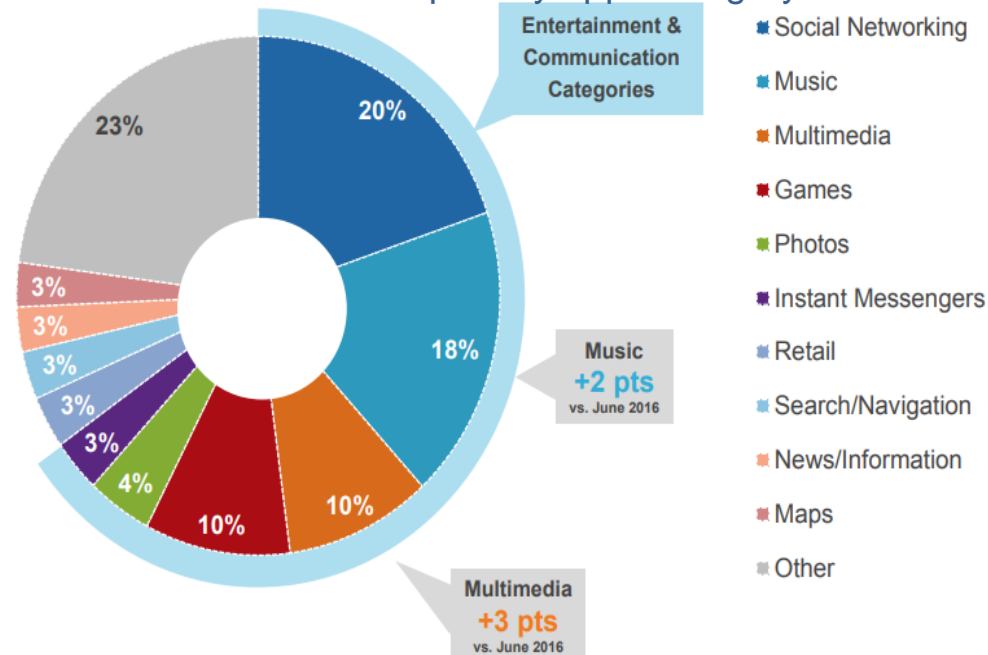# Some Statistics on Smartphone usage habits

As per Flurry Research Analytics Dec 2016, Smartphone users actually spend over 5 hours a day on mobile devices!

3 hours on Social networking, IM, Music and Entertainment apps!

Share of Time Spent on Mobile: Web vs. Apps *

Mobile Web
13%

Mobile App
87%

Share of Time Spent by Apps category*

Entertainment & Communication Categories

20%

23%

18%

Music
+2 pts
vs. June 2016

3%
3%
3%
3%
3%
4%
10%
10%

Multimedia
+3 pts
vs. June 2016

- Social Networking
- Music
- Multimedia
- Games
- Photos
- Instant Messengers
- Retail
- Search/Navigation
- News/Information
- Maps
- Other

The 2017 US Mobile App Report, June 2017, www.comscore.com/Insights/Presentations-and-Whitepapers/2017

Bad effects of abnormal usage of Smartphone on health

- Mental and physical Fatigue
- Sleeping Disorder
- Inappropriate brain development of teens
- Loneliness
- Unproductivity in work

SmartApp – objective and features

Objective:

An Android app to aware smartphone users about abnormal usage of smartphones in order to use phones health consciously

Features:

√ Using front end camera of smartphone to record facial image and to distinguish individual behaviors, SmartApp calculates the distance from user's eyes to the screen.

√ User's usage habits monitoring for analysis

√ Reminder for using apps unusually long time period at a time.

√ Alert generation to suggest for taking break in order to prevent fatigue and for building normal usage trait.

Development Tools
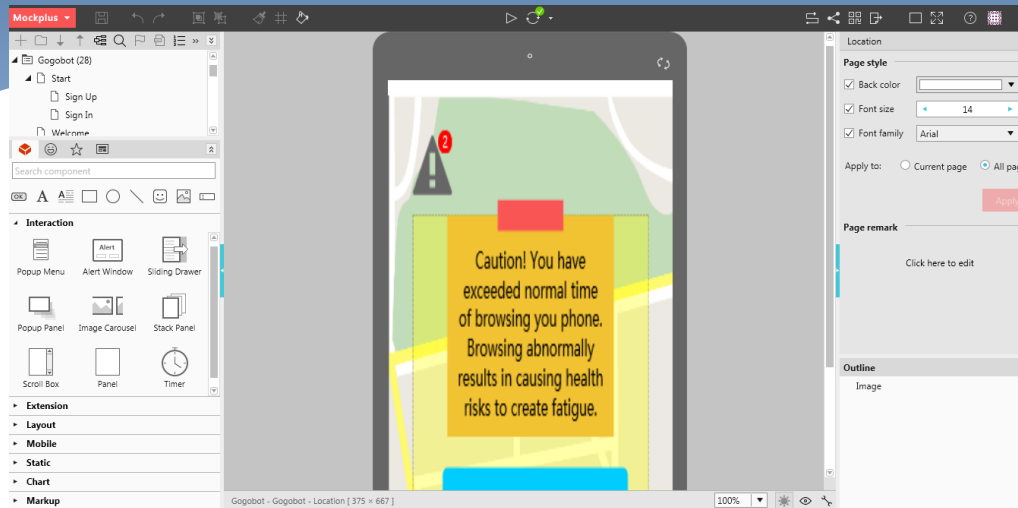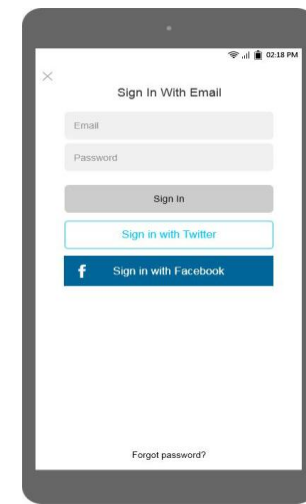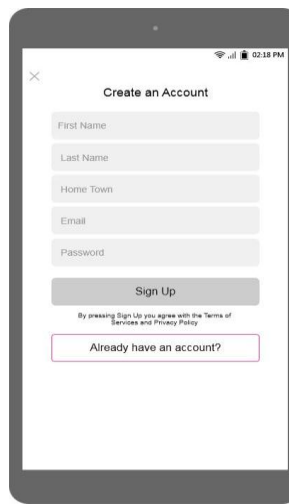
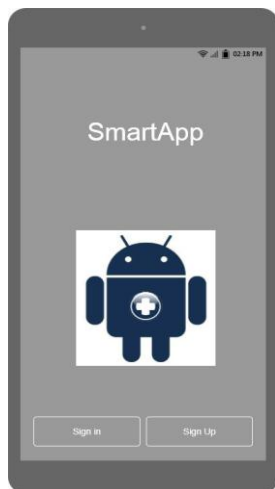Android Studio: kotlin and java
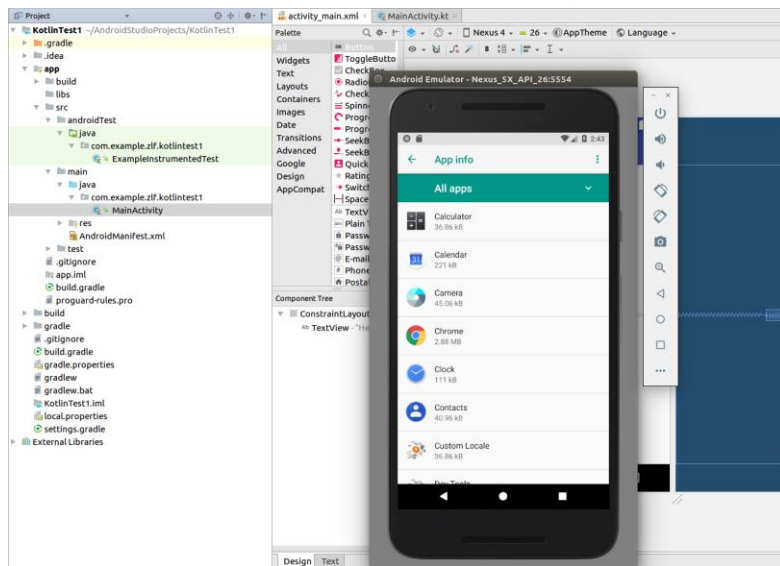
Pycharm: python
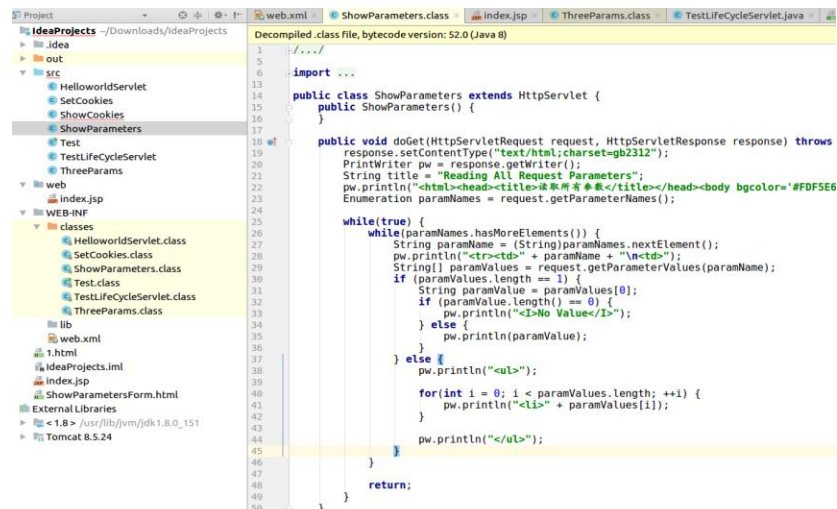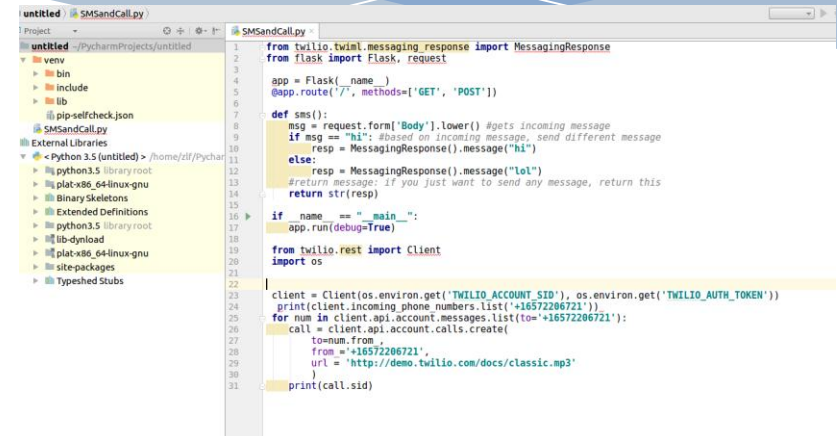
Intellij IDEA: javaEE
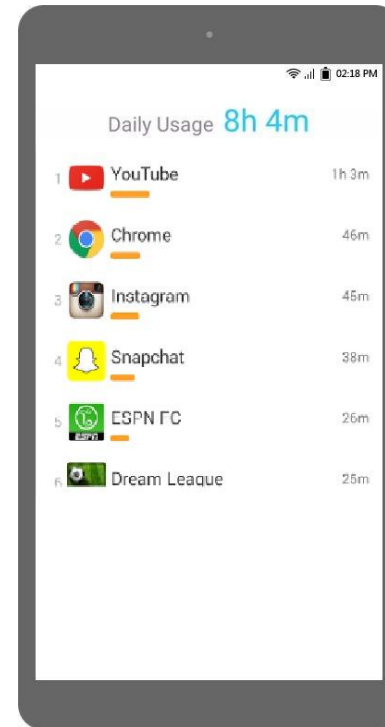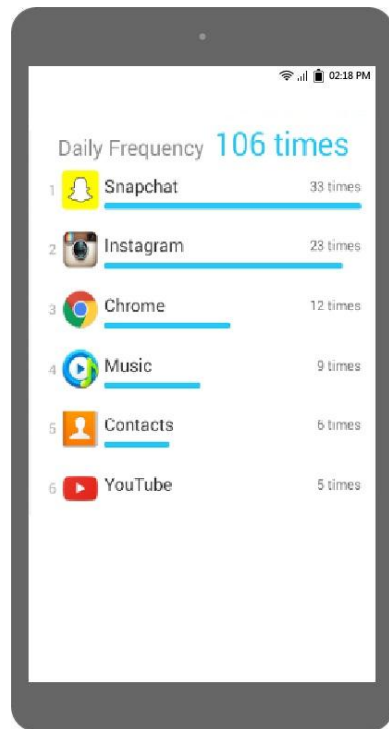Server url: lengfeizeng.com
DataBase: MySQL

User Interface Design

Mockplus
(https://www.mockplus.com)

All-in-one prototype designing tool

Login page:
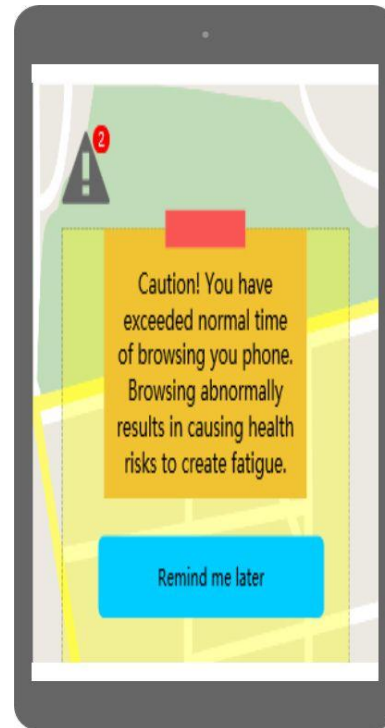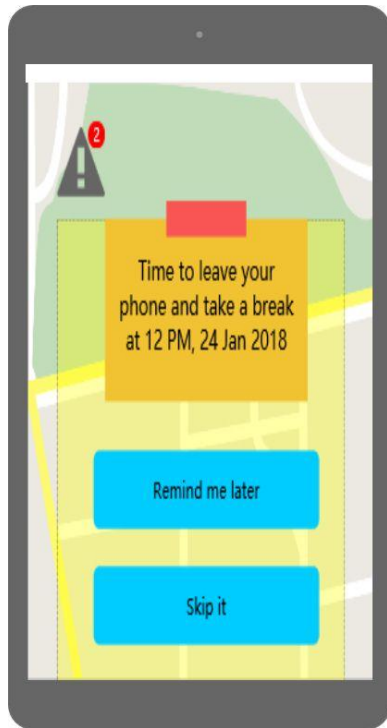
User Interface Design (cond.)

Monitoring of Apps usage
frequency and time

User Interface Design (cond.)

Alerts and Notification message

END

ANY QUESTIONS PLEASE?