



Thoughts

*Personal sentiment tracking &
analysis*

Software design

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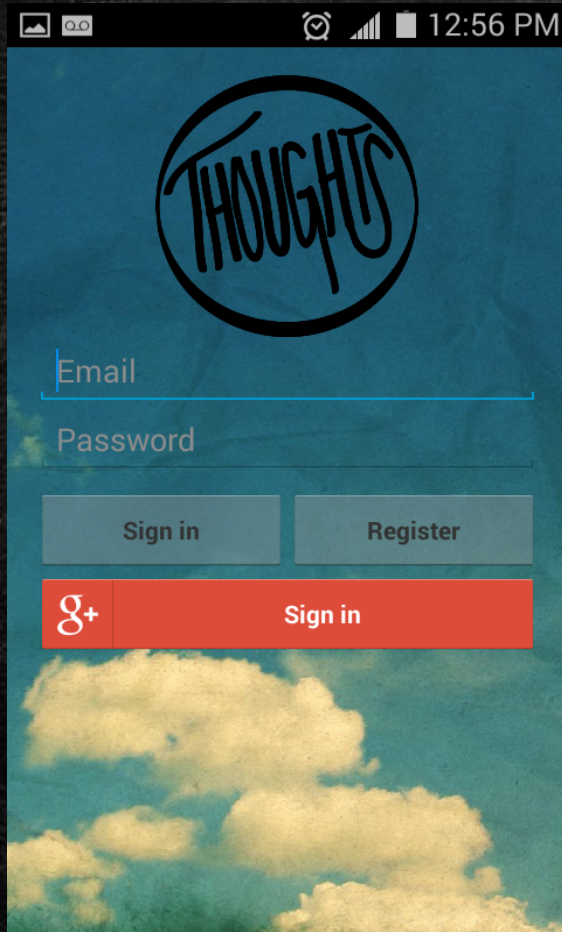


Design Presentation Overview



- Overview
- Demo
- Lessons Learned

Problem Overview

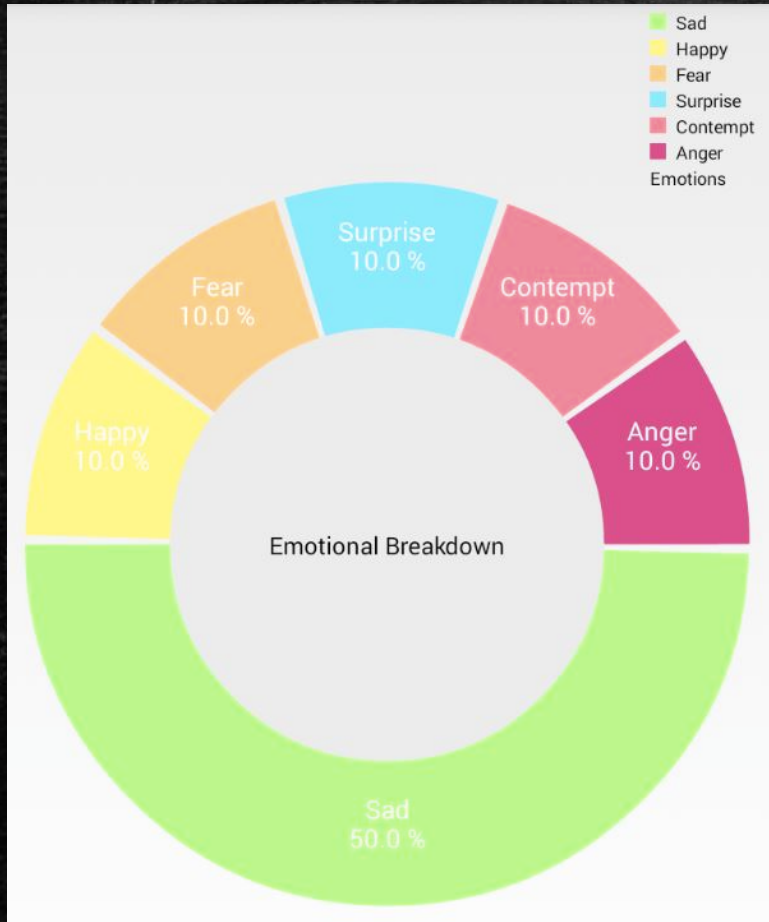


- How can a user track his or her **affective/emotional state**?
- How can an application achieve this task without directly asking the user about their emotional state?

Our solution

- The primary function of our application is to use **sentiment analysis** to classify and analyze user **thoughts** for positivity/negativity and affective/emotional state.

Application Overview



- The application collects user *thoughts* throughout time
 - Mini “tweet-like” blurbs
 - Blog posts
 - Expressions of emotion like “I don’t feel well” or “Life is good”
- These thoughts will be *analyzed* and *classified*
- The application will present *data visualizations* of the resulting analyses to the user.

Demo !

What We Learned

Technologies

- Android
- MPAndroidChart - Graphing Library
- AlchemyAPI
- Google Prediction API
- Git
- Parsing XML
- SQL Lite Database

Methodologies

- Model View Controller
- Dynamic UI via Fragments

Lessons Learned

- Waterfall is not good. Our design changed a few times. It changed significantly when we started developing. Don't spend too much time designing in the beginning, things change.
- Had to axe some features because they weren't feasible/time constraints
- Build conflicts happen.
- Writing code takes longer than anticipated.

Questions?

