Word Scramble App

Georgia Institute of Technology

CS6300 Software Development Process

Fall 2017

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Overview

- Developed a word scramble app as a team using software engineering practices. The team consists of four graduate students in computer science at Georgia Tech.

- Personal contribution:
  - 35% of the back-end code
  - 65% of the front-end code
  - 20% of the test cases
  - Generation of UI designs

Tools Used

- Google Docs – collaboration, planning, and organization.

- Google Hangout – daily meeting.

- Github – collaboration and version control.

- Lucidchart – UML diagram generation.

- Fluid UI – UI design and mockup generation.

- Android Studio – development.

Project Milestones

Planning
Tools:
- Google Docs
- Google Hangout

Requirement Analysis
Tools:
- Google Docs
- Google Hangout

Design/UML Diagram
Tools:
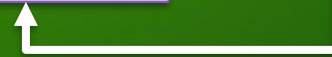- Lucidchart
- Fluid UI
- Google Hangout

Implementation
Tools:
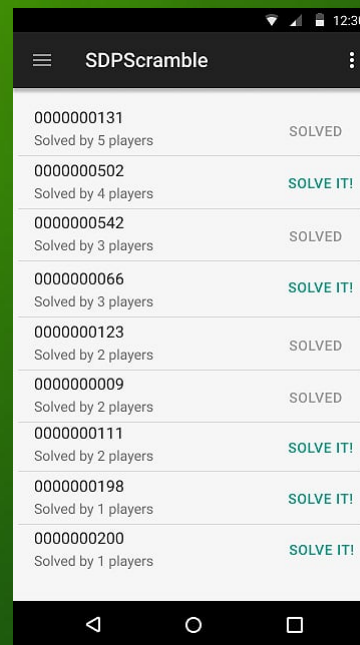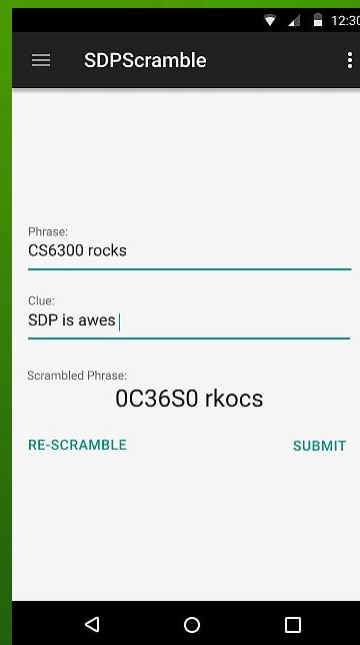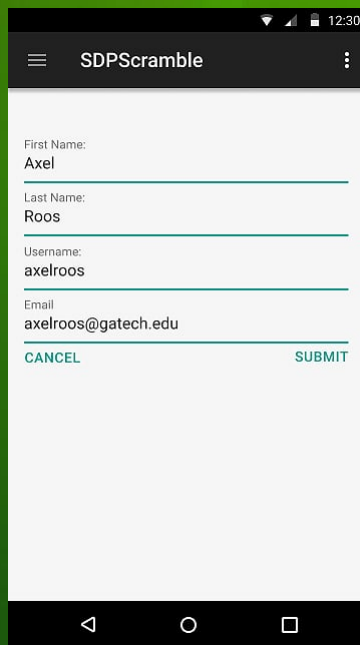- Android Studio
- Github
- Google Hangout

Testing
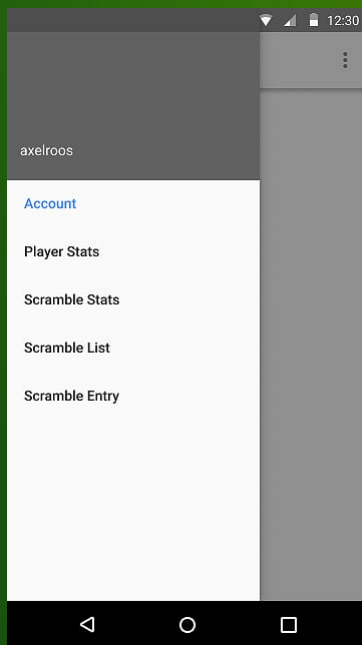Tools:
- Google Hangout

Deployment

User Interface As Designed

axelroos

Account

Player Stats

Scramble Stats

Scramble List

Scramble Entry

SDPScramble

First Name:
Axel

Last Name:
Roos

Username:
axelroos

Email
axelroos@gatech.edu

CANCEL   SUBMIT

SDPScramble

Phrase:
CS6300 rocks

Clue:
SDP is awes|

Scrambled Phrase:
0C36S0 rkocs

RE-SCRAMBLE   SUBMIT

SDPScramble

0000000131	
Solved by 5 players	SOLVED
0000000502	
Solved by 4 players	SOLVE IT!
0000000542	
Solved by 3 players	SOLVED
0000000066	
Solved by 3 players	SOLVE IT!
0000000123	
Solved by 2 players	SOLVED
0000000009	
Solved by 2 players	SOLVED
0000000111	
Solved by 2 players	SOLVE IT!
0000000198	
Solved by 1 players	SOLVE IT!
0000000200	
Solved by 1 players	SOLVE IT!

Final Deliverable