SpeakEasy

Medium-fi Prototype

Eric Chew, Tommy Truong, Gabriela Groth, Carlos Araujo

3 Representative Tasks

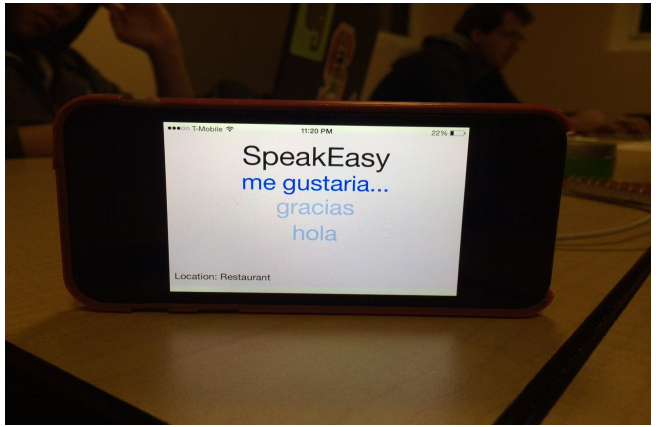
Made tasks more concrete and specific

- Understand and reproduce the correct pronunciation of words
- Get phrase suggestions for real-life conversations
- Integrate language learning into daily life

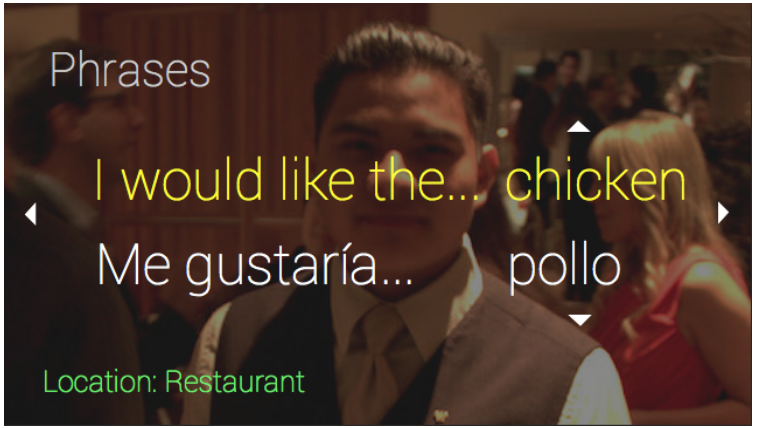
Revised UI Design

- Show suggestions in both native and new languages
- Added arrows to remind user of what gestures to use

Before

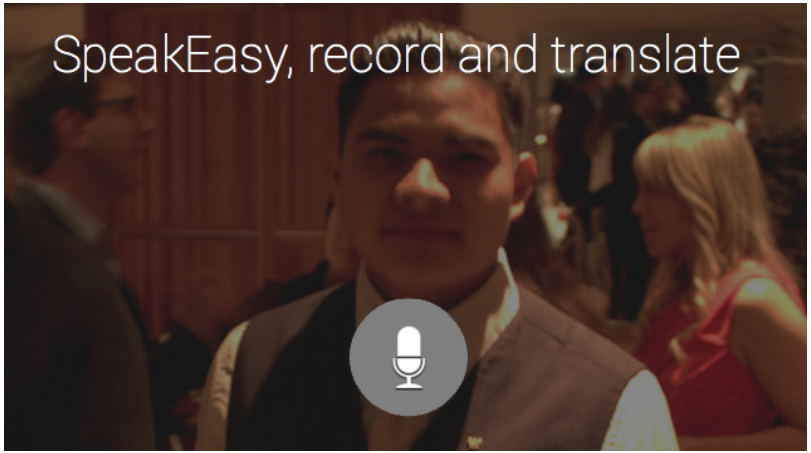


After



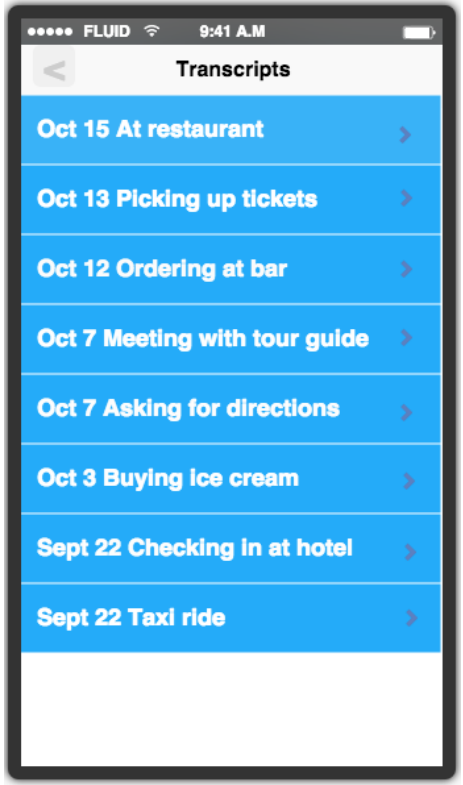
Revised UI Design

- Added new command to allow user to translate another person's speech



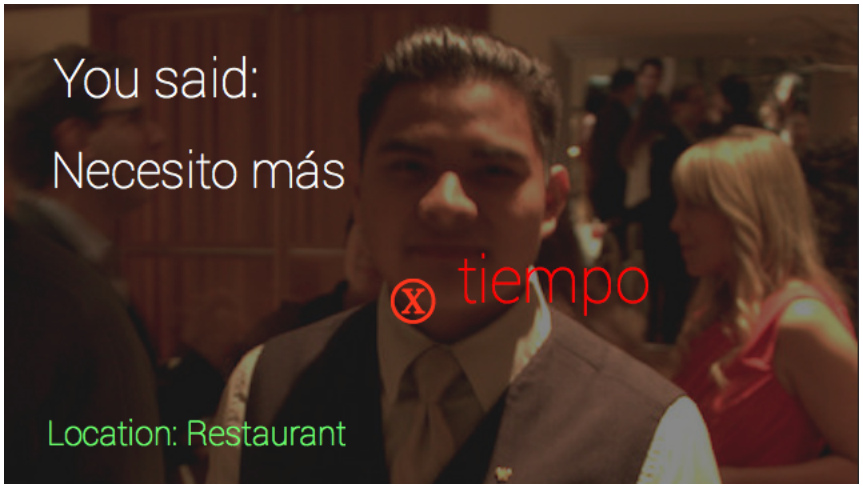
Revised UI Design

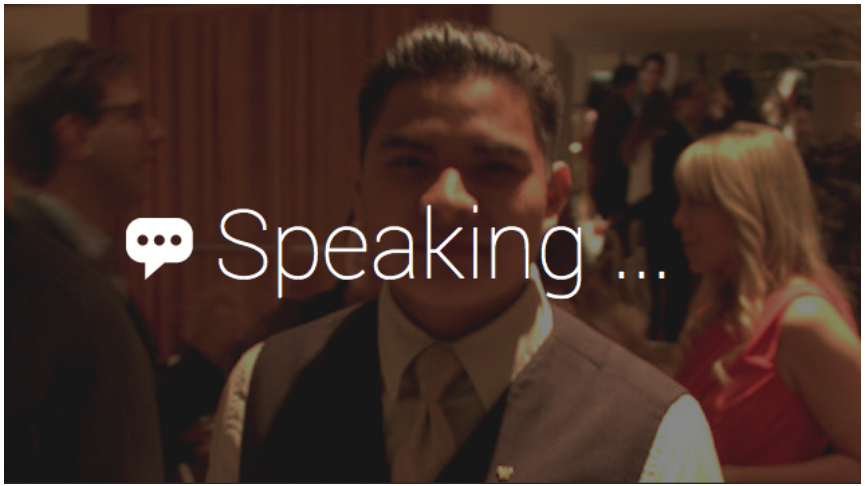
- Added transcripts of recorded conversations after suggestion from user.



Scenario 1

Use app to correct mispronunciations



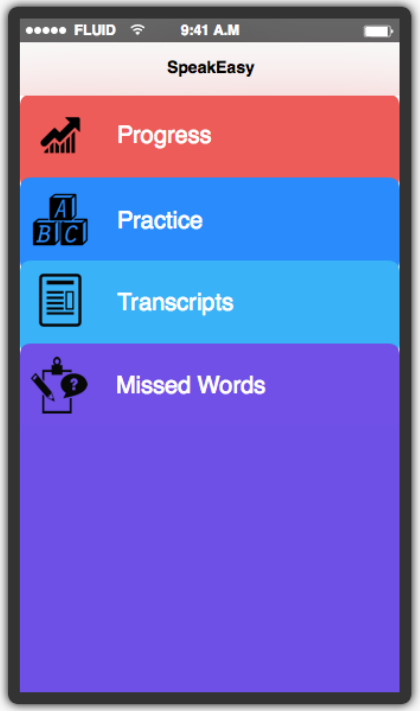


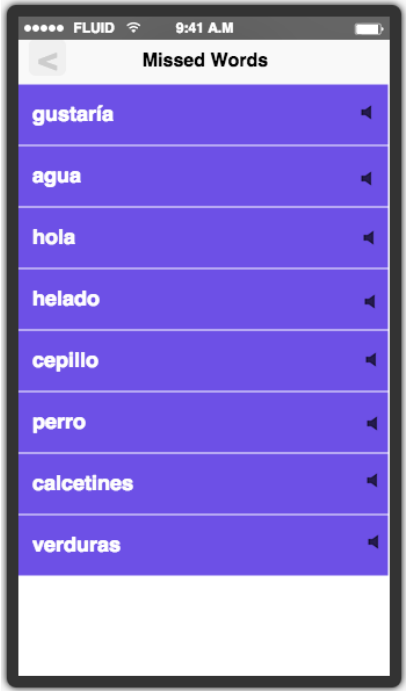
Scenario 2

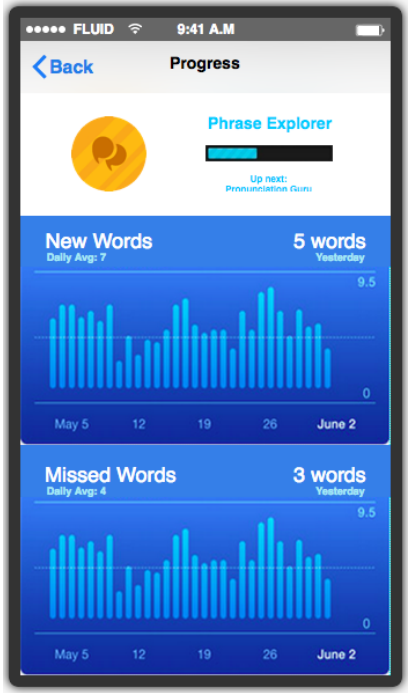
Get useful phrases for a restaurant setting

Scenario 3

Get feedback on learning progress







Tools Used

- Justinmind prototyper
  - For Google Glass
  - Difficult to prototype without actually having Glass
  - Had to add buttons in place of Glass gestures
  - Works pretty well to show screens
- Fluid UI
  - For mobile part of application
  - Easy learning curve
  - Fast prototype, but no collaborative editing

Summary

- Made google glass prototype more intuitive by making indicators for gestures
- Added features to mobile app that users felt would be helpful
- Made tasks more concrete and specific