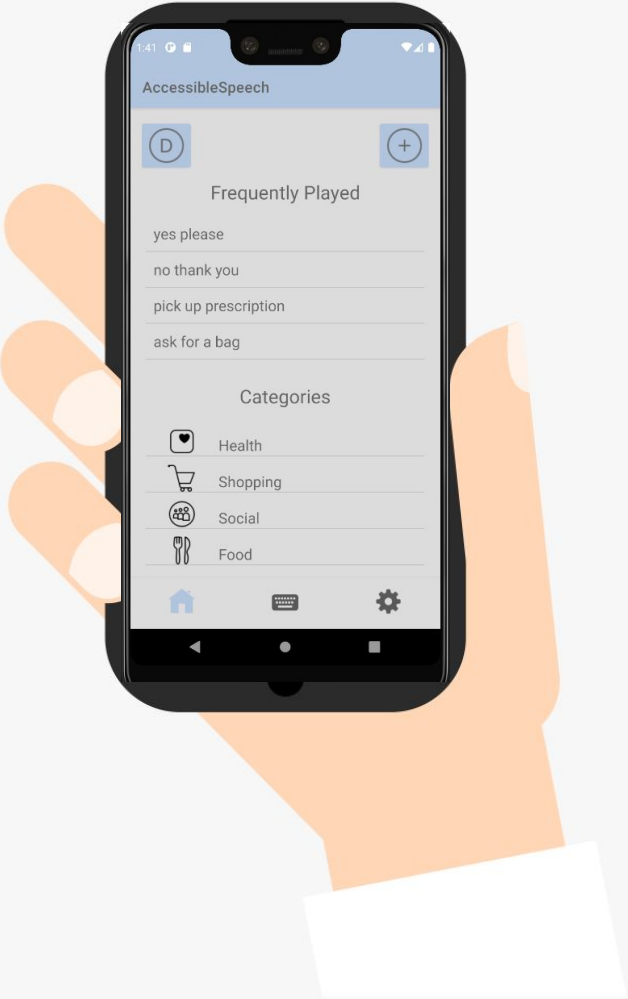


Accessible Speech

Michal Ridner,
Emelda Aitafo,
Nathan Lee,
Gurinderpal Singh

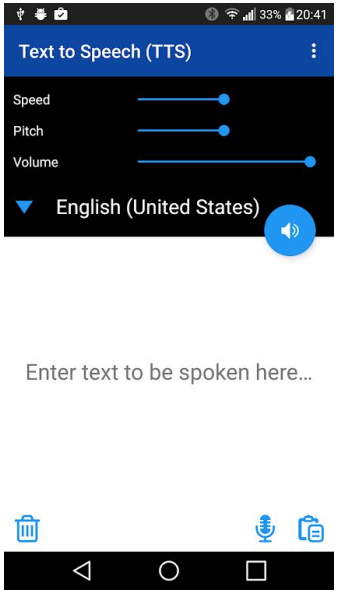
Customer Needs

- An accessible speech application
- Needs to be for android
- Needs to be easy and fast to use

Benchmarking

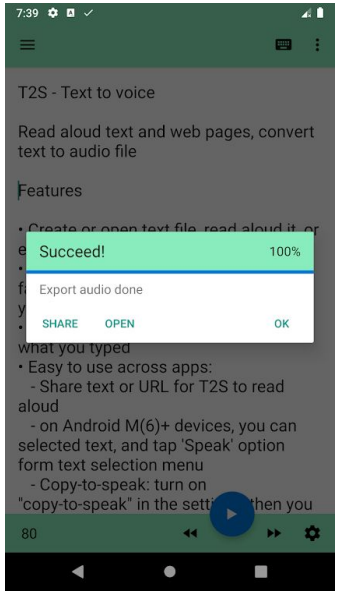
TK Solution Tecnologia

Text to Speech



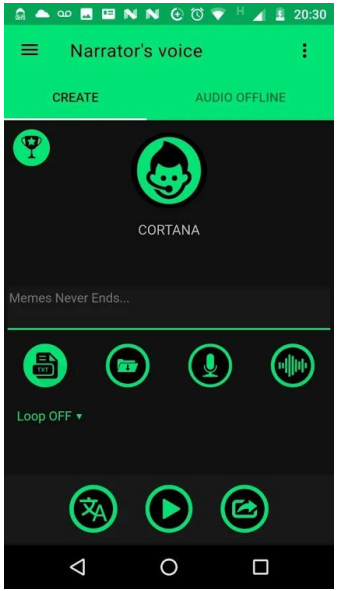
HE SOFT

T2S Text to Voice

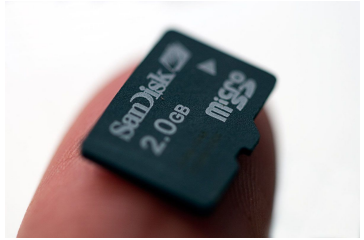


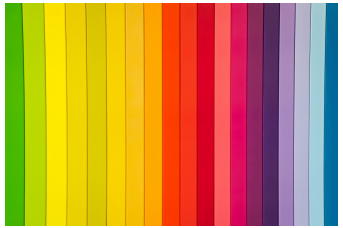
Escolha

Narrator's Voice



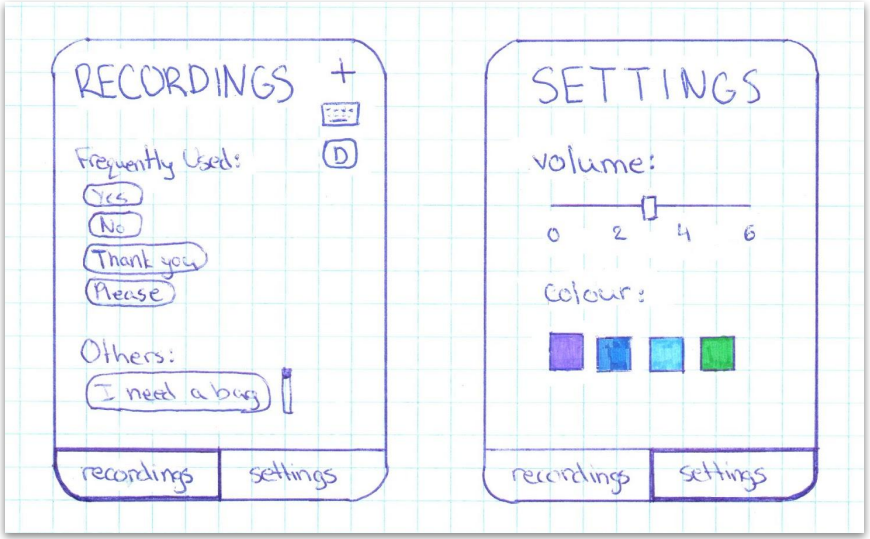
Target Specifications

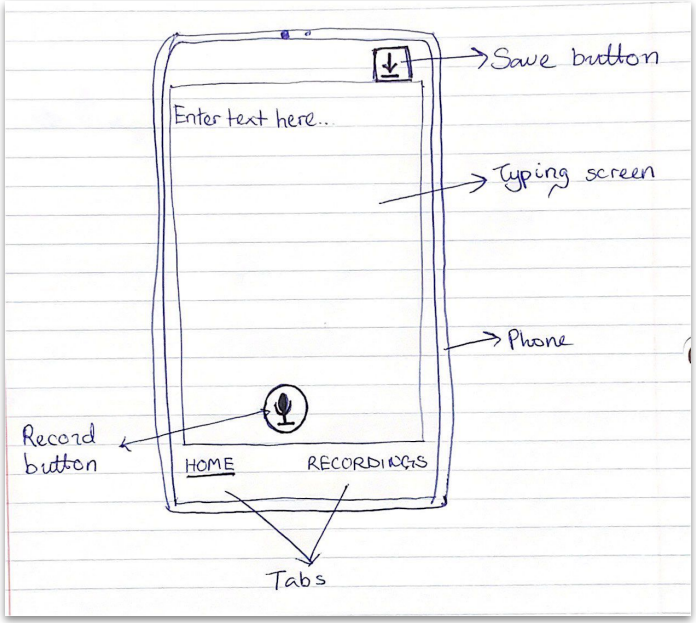




- Memory Space
- Sound and Pitch
- Colour Wavelength
- Price
- Response Time

Concepts


RECORDINGS
+
Frequently Used:
Yes
No
Thank you
Please
Others:
I need a bug
recordings
settings
SETTINGS
volume:
0 2 4 6
Colour:
recordings
settings


Save button
Enter text here..
Typing screen
Phone
Record button
HOME
RECORDINGS
Tabs

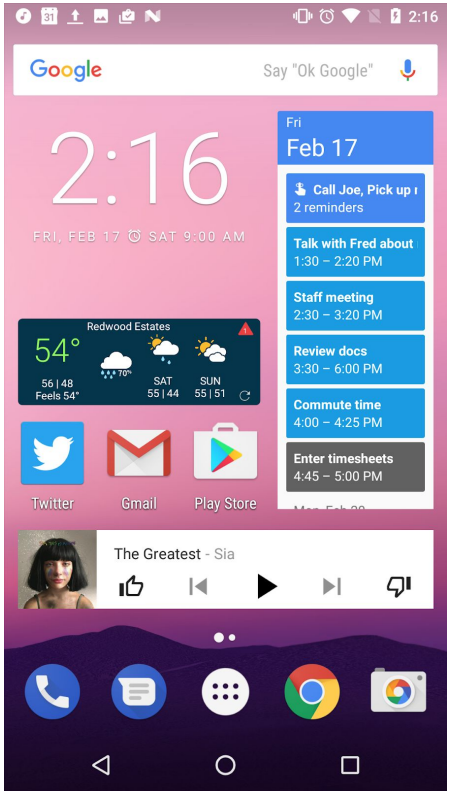
Business Model and Economics

- Freemium
- Advertising

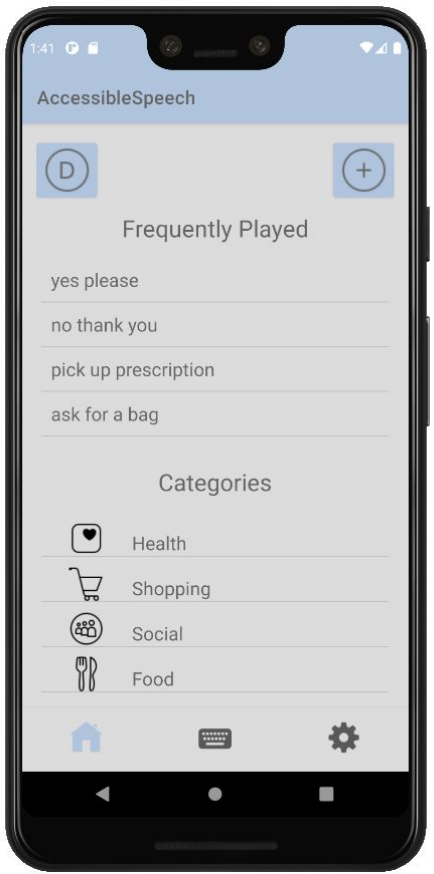
Solutions

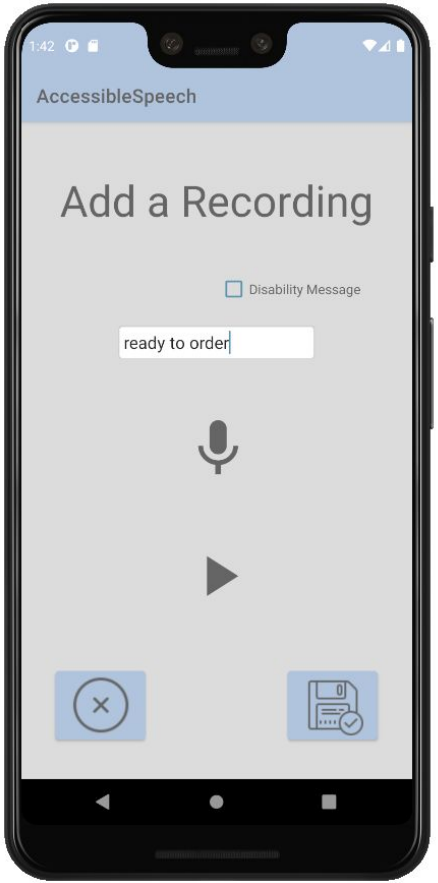
Quickly Accessible:

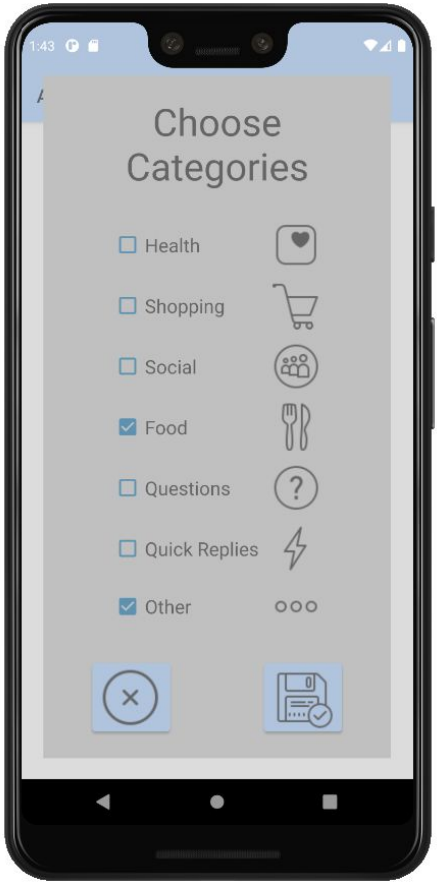
- Widget
- **Frequently Played**
- Automatic Disability Message
- **Disability Button**

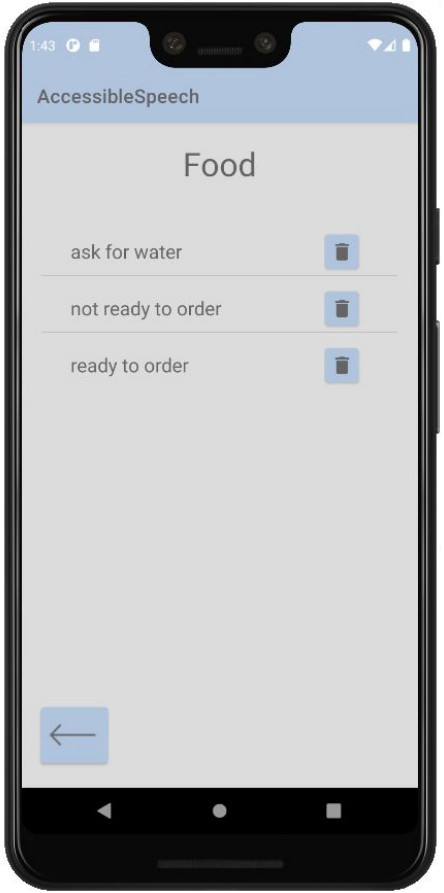


Final Prototype

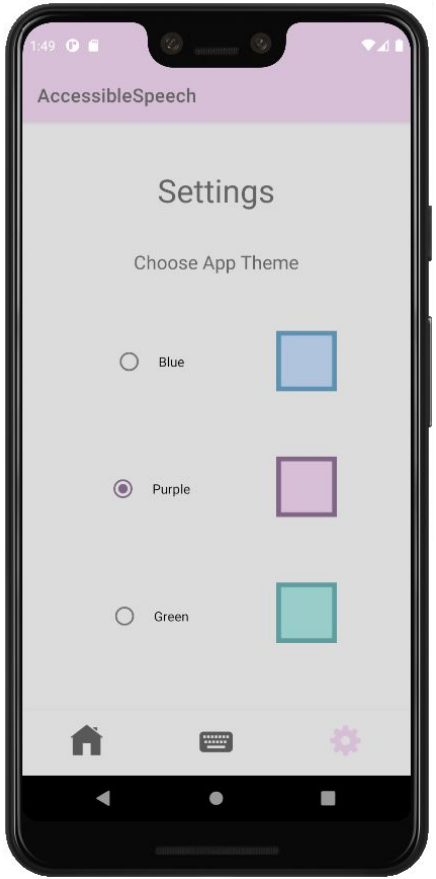


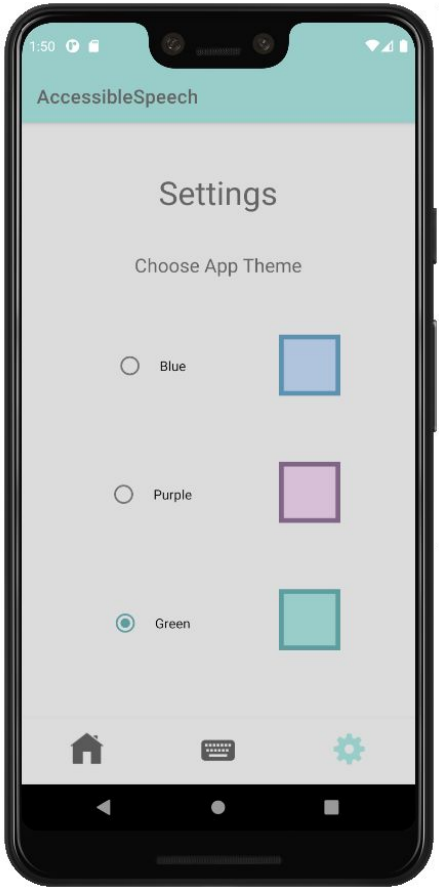


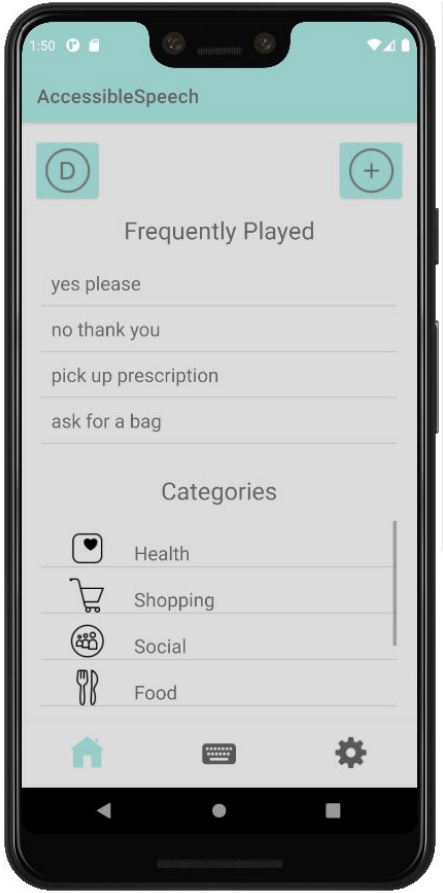




Final Prototype

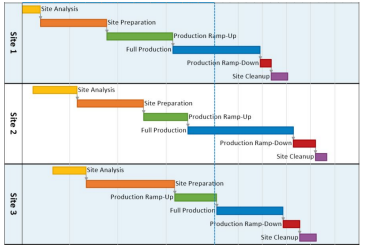


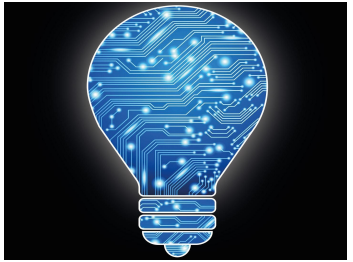




Lessons Learned

- Importance of a project plan
- Speed optimization and testing
- When problems arise:
  - We-can-do-it attitude
  - Integration, collaboration and compromise





Future Work

- Activities → Fragments
- Android only → All environments
- Data structure → Relational database