A Web App

Help

to Autistic People

communi *cate*

About

Autism

Sara Peeters

Autistic Identity

I am autistically disabled

Ich heisse

Ich bin **autistisch** behindert.

Oft habe ich Probleme, mich in meiner Umgebung zurecht zu finden oder mich klar zu verständigen. **Vielen Dank für Ihr Verständnis!**

das anders sein
verstehen lernen.

Was ist Autismus?

Autismus ist eine tiefgreifende Entwicklungsstörung mit Auffälligkeiten in den Bereichen **Sprachentwicklung, soziale Interaktion** und im **Spielverhalten.**

autismus
autismus **deutsche schweiz**

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geschäftsstelle

riedhofstrasse 354

ch - 8049 zürich

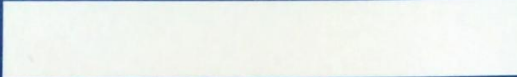telefon +41 (0)44 341 13 13

www.autismus.ch

info@autismus.ch

Abnormalities in playing habits

2

Why tell anyone?

The reason I behave different
is my differently working brain.
It's ok, you can just let me be me!

Can you please help me to handle this
inexplicable strangeness of the world?

Solution

Solution

Module: Means of communication

Title

| When I am comfortable ▾ |

Means of communication others may use:

☑ Spoken language

☑ Written language

☑ Specific text based alternative to speech (text-based AAC (Alternative and Augmentative Communication), specific app, …)

☑ Picture-based alternatives to speech (picture-based AAC (Alternative and Augmentative Communication), picture boards, drawing)

☑ Official sign language

☑ Other signs, gestures or behaviors

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Save

Communication

When I am comfortable	In general	When I am stressed
You can use Spoken language, Written language	**You can use** Spoken language, Written language	**You can use** Spoken language, Written language
I will use Spoken language, Written language	**I will use** Spoken language, Written language	**I will use** Written language

Do's and Don'ts Checklist

❌
- Don't touch me without permission
- Don't force me to make eye contact
- Don't ask me too many questions

❓
- Ask before touching my stuff

✔
- Leave me enough time to answer your questions or to make decisions
- Let me use my headphones to listen to my favorite music
- Tell me about changes in plans as soon as possible

Plan

- Current situation
  - Existing software
  - Literature on user centered design for autistic users
- Interviews
- paper prototypes

- ↻ development
  - accessibility

- onboarding

Existing software: Autism and Health

A A A **A** UID: aspigirlcodes
⦿ Text Only ○ Read Text Aloud

- Introduction
- How You Communicate
- **Communication Suggestions**
- Before the Visit
- During the Visit
- After the Visit
- Getting to Know You
- Your Supporters
- Sharing the Report
- Report Preview

«

What can your healthcare providers do to help you answer questions or give information?

☑ Ask very specific, concrete questions and avoid very broad questions.

☐ Ask mostly yes and no questions when possible.

☑ Give me extra time to respond to questions.

☐ Read written notes that I bring to the visit.

☑ Give me examples of the types of things people may experience and let me tell you if I experience them too.

☐ Show me lists of symptoms to choose from.

☐ Help me answer questions about time by linking to important events in my life.

☐ Offer to reword the question if I seem confused.

☐ Remind me that it is OK to not know the answers to your questions.

☐ Remind me that it is OK not to be 100% exact in my answers.

☐ I **don't need** accommodations to answer questions or give information.

☐ I need accommodations to answer questions or give information, but they are **not listed** here.

◀Back   Next▶

Existing software: Autism and Health

John Doe   September 12, 2015   page 2

Autism Healthcare Accommodations Report

Name: John Doe   **Date of Birth: 1981-6-6**

The purpose of this report is to help you, your staff, and John Doe have more successful visits. Due to the heterogeneous nature of autism spectrum disorders (ASD), the information and recommendations in this report have been **custom generated** to be specific to John Doe.

I   Information to Assist with Patient Communication

Receptive speech: He can usually understand spoken language well.

Expressive speech: His ability to speak changes depending on the situation.

Alternatives to speech: He uses text-based alternatives to speech (text-based AAC, typing, written notes, iPhone app).

Reading: He can read at a college level.

Writing: He can write or type at a college level.

Telephone: He cannot use the telephone.

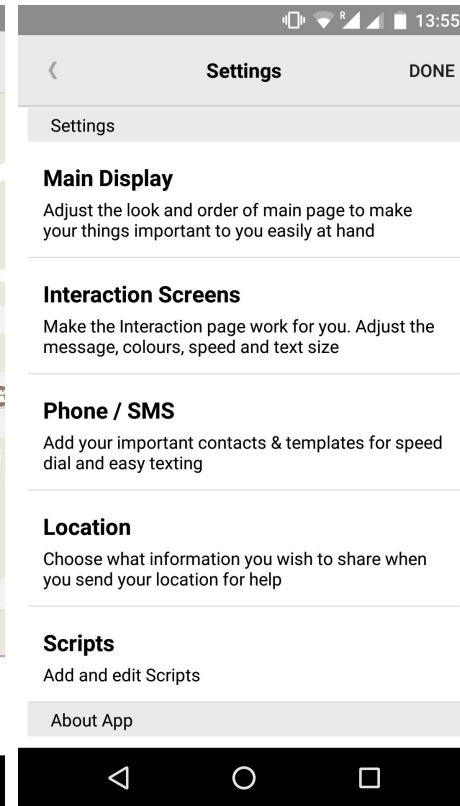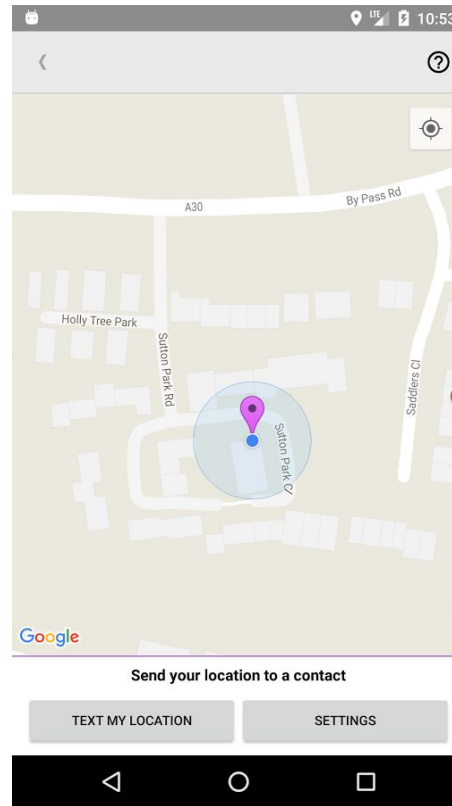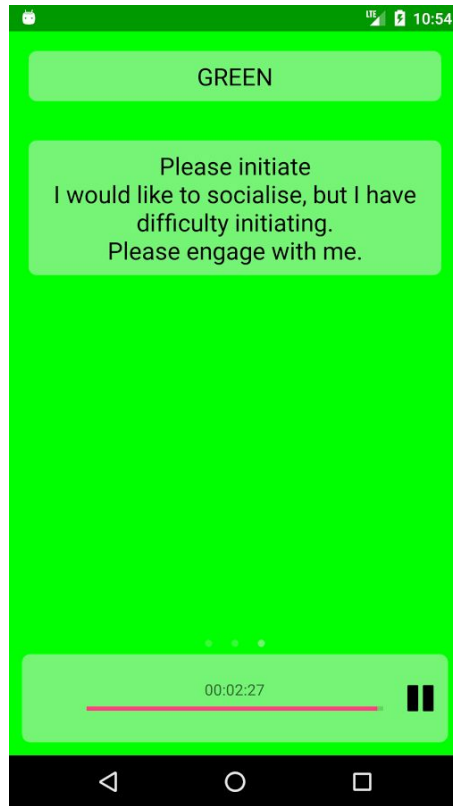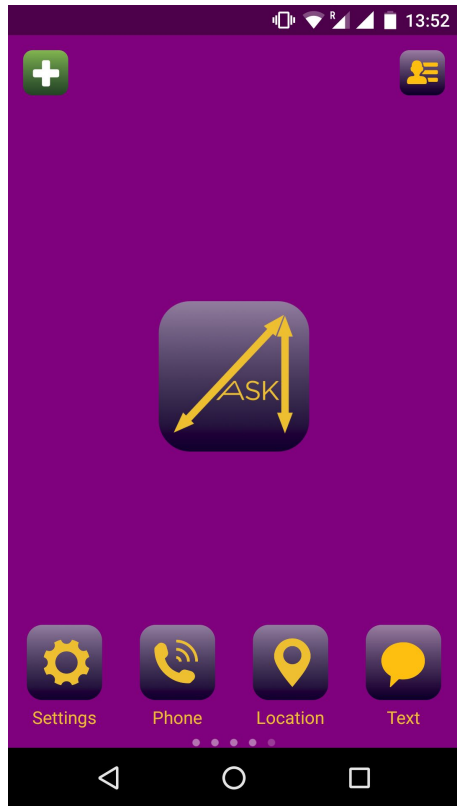**Other important information about John Doe's communication.**

- He may have difficulty communicating, even if his speech sounds fluent.
- He often takes langauge too literally.
- He can write or type better than he can speak.

To help John Doe better understand what you are saying.

- Use very precise language, even if it means using longer sentences or advanced vocabulary.
- Write down important information or instructions.
- Try not to talk to him while there are other noises.

To help John Doe provide information more effectively.

Existing software: Autistic Space Kit
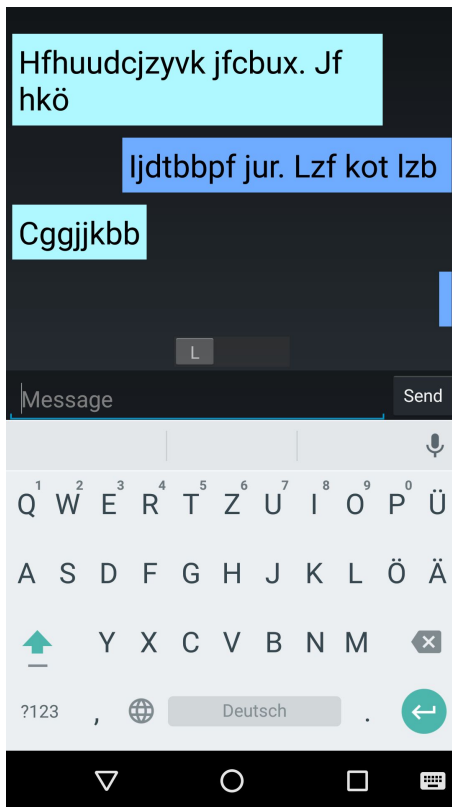
Existing software: Emergency Chat

Literature

A lot on children and therapeutic settings

Much less on adults and day to day life situations

Main take aways

- Form follows function
- Not all autistic people think visually
- Adaptable to each persons needs
- Make collaboration accessible

Up next

Make it real: prototypes, development

QUESTIONS?