DocuMed

Every medical document, one site.

Research and Outreach

- **Personal Interviews**

- **Survey Outreach**

- **Research on Current DSS Systems (AASA)**
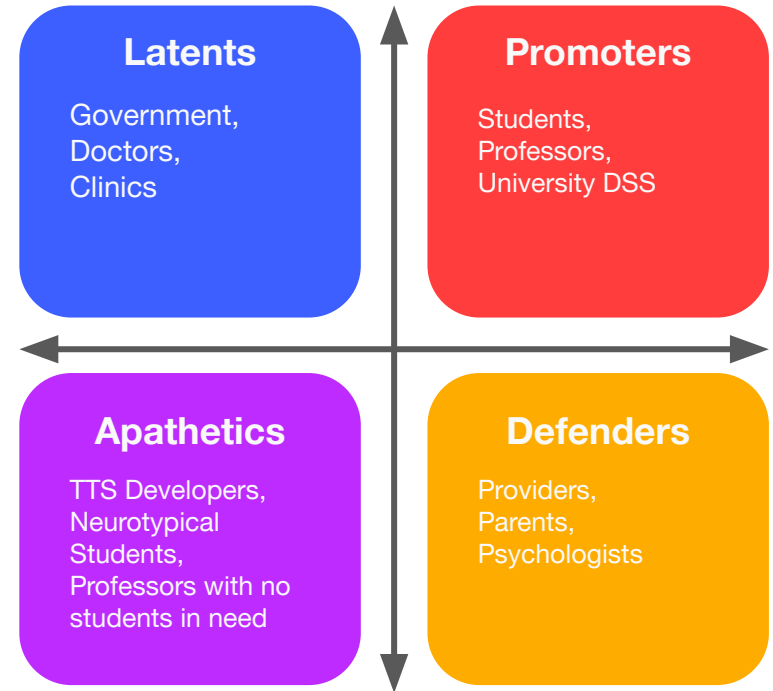
- **Research on ADA Requirements**

The Problem, Defined

- Students requesting special accommodations for their disabilities must acquire new doctors notes for each new accommodation they need
  - Time-consuming process
  - Doctor's notes are also significantly less accessible to lower-income students
- Student's needs are fluid, and often the stress of acquiring a doctor's note further inhibits students' mental and academic success
- Transfer students with disabilities have to re-enter their medical information when they switch schools

Target Users

- **Students with Disabilities**

- **Doctors**

- **School medical staff**

- **Instructors**

Latents	Promoters
Government, Doctors, Clinics	Students, Professors, University DSS
Apathetics	Defenders
TTS Developers, Neurotypical Students, Professors with no students in need	Providers, Parents, Psychologists

The Existing Solution(s)

1. Contact doctor for notes for each learning disability for which accommodations are needed

2. Manually distribute notes to each instructor as necessary

3. Manually find audiobooks (if needed)

4. Manually find TTS services (if needed)

5. Manually schedule your own test taking time, and coordinate this with the instructor (if needed)

What's Wrong With Existing Solutions?

- **Inefficient**

  - **Lots of manual labor**

  - **Needs too much complex coordination**

  - **Tedious process**

- **Puts too much of the burden on the student**

- **For each new accommodation, you need to do this process again**

Our Proposed Solution

An app which streamlines the distribution of doctors notes in an effort to address necessary accommodations quickly.

Functionality of our App

- **PDF uploads**
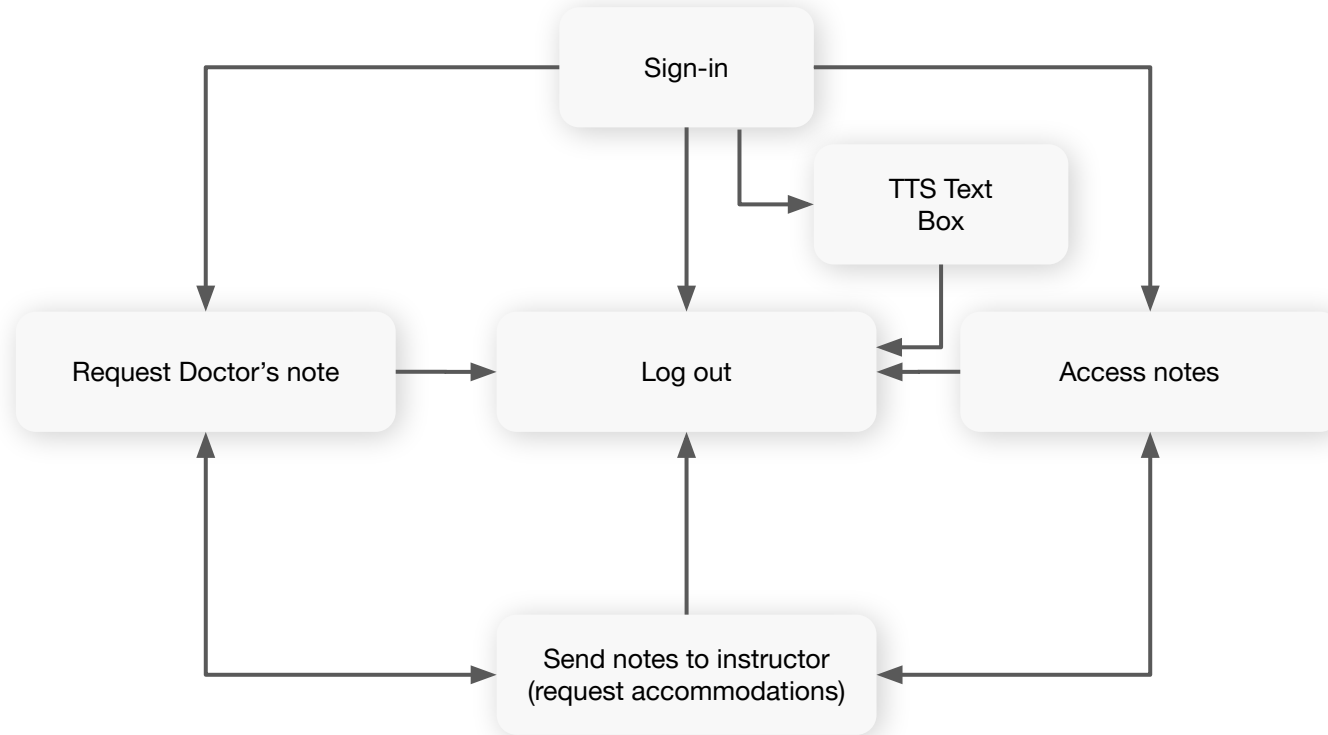
- **eSignature (for doctors)**

- **Text-to-speech**

- **Sign In/Out**

Tasks

- **Sign In/Up, Log Out**

- **Input information**

- **PDF uploads**

- **Select accommodations students need**

- **Admin would need to approve**

- **Doctors can electronically sign and send forms to students**

Task Analysis (Student):

Why It Works

- **Students will get the accommodations they need in a streamlined fashioned**
- **Doctors will be able to get notes to students through this site for known existing conditions, without students needing to go to a doctor for a new note for new accommodations**
- **Schools will be able to access the forms that students want to show to them and provide accommodations accordingly**

What We Learned

- **Identify a problem and find a solution**

- **Collect data from potential users**

- **Research a problem we are not familiar with**

- **Identify our target audience and their needs**

- **How difficult this process is for students with disabilities**