



DocuMed

Every medical document, [one site](#).

Amanda Marques | Cameron Gould | Jonathan Yeh | Michael Reza



Research and Outreach

- **Personal Interviews**
- **Survey Outreach**
- **Research on Current DSS Systems (AASA)**
- **Research on ADA Requirements**



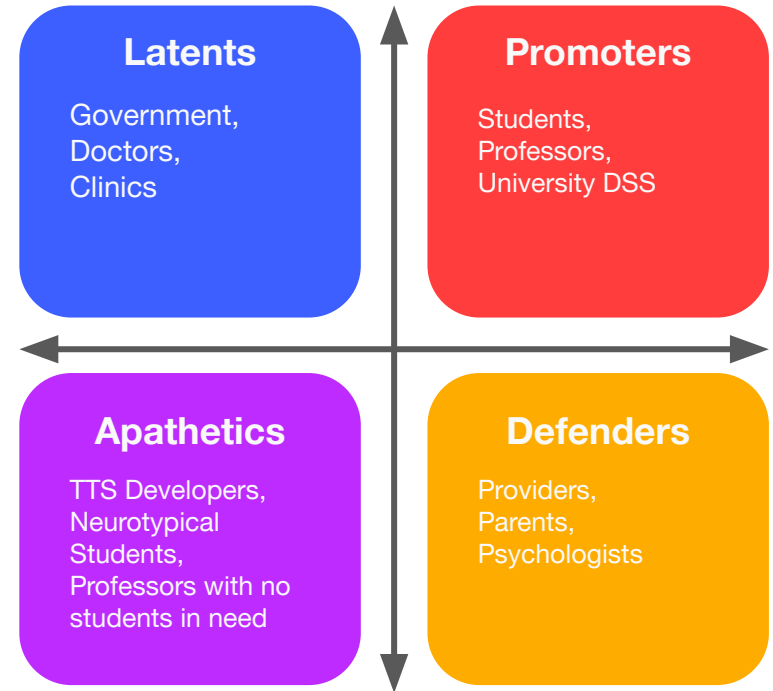
The Problem, Defined

- **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**





The Existing Solution

1. **Contact doctor for notes for each learning disability for which accommodations are needed**
2. **Email note to the university's disability services center with a filled out form**
3. **Wait for a response**
4. **Manually apply approved accommodations for each class at the beginning of each semester through a website**



What's Wrong With Existing Solutions?

- **Inefficient**
 - 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 rapidly.



Functionality of our App

- PDF uploads
- eSignature (for doctors)
- Text-to-speech
- Sign In/Out

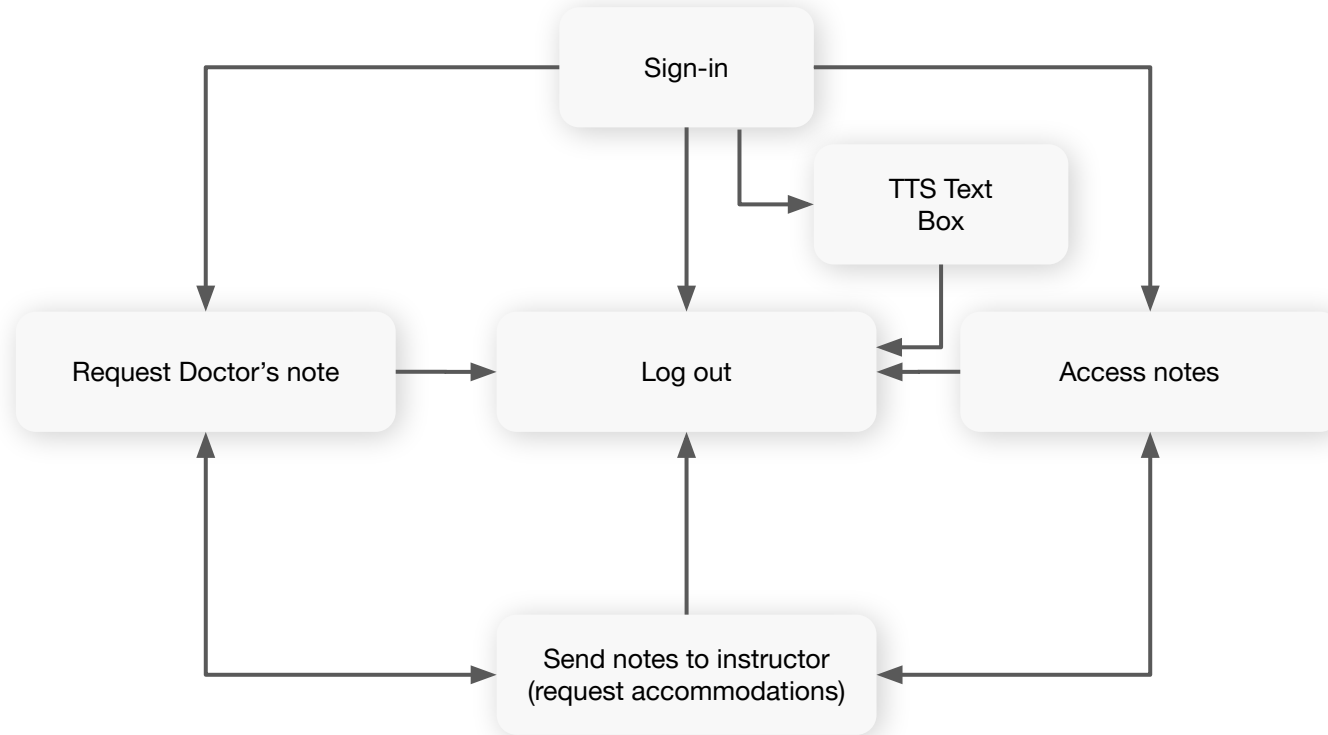


Tasks

- 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