

Link to our finished work:

https://docs.google.com/document/d/1Ovq2DVJjsNQ88Gq1RMBxn_4QhNET5QwQGUxrqGOGjVI/edit?usp=sharing

What we need for Thursday:

- Scenarios
- Paragraph description
- Storyboards to provide context of interaction
- Screens taking us through a task (e.g., especially for mobile app)

App:

An updated map pinpointing all campus construction and highlighting current routes with ramps via crowdsourcing

It was also include various accommodations that students with disabilities can utilize if they are met with navigation issues (i.e doctor's note system that sends directly to school in case of accidents (broken leg, sprained ankle, or stingerette service).

- Scenario: Student wants to find the office of disability services from Klaus college of computing, student uses map functionality on app to get voice directions from the system. The student encounters construction near Einstein statue, then the app gives an updated route around the Campanile statue.
- Paragraph description
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Crowdsourcing help:

Since students with mobile disabilities make up a small proportion of the general student body, there is often a lack of community for those who face similar struggles. To combat this issue, when students who are diagnosed and recognized by the school, they will be given a pamphlet that offers an overview of the facilities, policies, accommodations, and resources available. In the pamphlet the user will find a QR code. After scanning the QR code, this will allow the user to access an online chat. After registering for an account, the user will have communication to other students who face similar obstacles and adversities as a university student with mobile disabilities. Here they can form an online community with others who experience similar circumstances while bridging the gap of the absence of feeling inclusive. The app will have a social component that allows students to chat and alert one another of potential navigation hazards, post about disability awareness events on campus, or simply to discuss life on campus as a student with a mobile disability.

- Scenario:
- Paragraph description
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Online Portal:

Online Disability Portal (ODP):

Scenario: John is a first year student at Georgia Tech who is disabled from his legs down and uses a wheelchair to move across campus. John noticed that it was raining severely when he woke up in the morning. He knows that he will most likely be late and completely soaked if he attempts to make it to his first class at Howey Physics in these conditions from his dorm room (Glenn, which is located on the east side of Georgia Tech's campus). John looks at the weather section of the site to see that the rain will be going on for a few hours. John then uses the Online Disability Portal to access the transportation services section of the site. He finally uses the "Call a driver" feature to call a Stingerette for himself.

Paragraph Description:

This would be a comprehensive website containing information for disabled students to properly function and navigate campus. This portal would have weekly video updates about information that disabled students need (for example: the new construction that is occurring on campus that may impede access to certain travel routes). This website would have other functionality such as also helping students request transportation across campus in bad weather conditions, emergency class excuse note request systems and an interactive map of some of the study spaces on campus that are accessible to everyone. Lastly, the website would contain enhanced transportation assistance by allowing students to access escorts and stingerettes that are exclusively reserved for disabled students.

Storyboards to provide context of interaction

Screens taking us through a task (e.g., especially for mobile app)

Online Forum Community(originally the pamphlet that gave access to the online community):

Scenario: Bryan, a freshman student with a mobile disability, has been admitted to Georgia Tech. He completed all protocol related to his diagnosed condition and has been granted accommodations by the institute. He struggles to find students with similar life experiences and hardships who attend the same school as him. He feels as though there is no outlet for him to ask questions or voice concerns about what he experiences on campus. Soon he learns about the GT Online Forum Community, where he finally articulates his question in hopes of a response. His question is “Where is the Disability Services Testing Center located on campus?”.

Paragraph Description: The online forum will serve as a community for students with disabilities to be able to connect and interact with those whom face similar everyday living conditions and faculty who can assist them. Since the number of students with disabilities is very miniscule in the grand population of at Georgia Tech, it can often become easy for them to feel a lack of inclusion into the grand general student body lifestyle. The forum is a website that is essentially a collection of entries based on a bulletin board system, that are submitted by a diversified demographic of users in an open nature online environment.

- Guest users should not have to register to read or search the forum. This will allow other students and faculty who are unaffected by mobile disabilities and to better understand and gain perspective on how to make the college environment more suitable for students with disabilities.
- The online forum will have social registrations, such that the user accounts are a requirement but not tedious. Users should be able to seamlessly create a forum account by entering in their GTID, student email, and password into the registration criteria, since those input values are widely used across multiple online services for Georgia Tech.
- The forum will be sure to encourage the freedom of the students with disabilities to initiate conversation and post new content.
- The forum will have resemblance to most other Georgia Tech websites to stay consistent with design scheme and branding of the parent websites. Therefore, school colors and logos will be present in the aesthetic of the forum.
- When typing posts, comments, questions, concerns, and so forth, the user should have the simple tools to bold, italicize, quote, list, hyperlink, etc. without the need for HTML or CSS acumen. Those options should be readily available in a toolbar.
- The user will be updated via student email notification whenever someone has responded to their original post and posts thereafter.
- Since online forums are social networks, they should have cross-platform sharing and aggregation to integrate with other social networking sites as well. For instance, this can simply be a link from one social networking site to a post on the online forum.
- The forum will have spam protection technologies to protect the user from being bombarded with constant notifications and messages. Users will have the option to report spam, and to give a description of what the particular spam issue is, then they will handle the spam accordingly.
- The forum will be mobile-friendly, so that users on the go can have live interaction and ability without being tied down to a desktop. This mobile website is NOT synonymous with an app.

- Although the user experience is most important, keeping the forum website well managed and moderated should also be done with ease for the administrators to ensure integrity within the forum and its users.