

GAIT TRAINER WITH TREADMILL

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Problem Statement

Gait trainers are used to assist and support those who have issues with significant mobility impairments. In the winter, it is difficult to utilize the gait trainer outside. Due to the lack of access, users may suffer significant damage to physical and mental health. Utilizing a treadmill during the imperfect weather conditions would allow for increased mobility and less drastic damages to the overall health of the client. Creating a ramp and lock system will provide the fix needed for the client to use her gait trainer while on the treadmill.

Brief Status Update

This week, the team had their preliminary meeting with one of the clients. During the meeting, logistics of the project were discussed. As the team continues to conduct individual research, they are working on the PDS for the project. The team plans to meet with the client in person in the later weeks, but have not yet found a time to meet.

Summary of Weekly Team Member Design Accomplishments

- Team -
 - Complete the PDS
 - Meet with one of the clients
 - Find a time to meet with the clients in person
- Meghan Kaminski -
 - Complete the first four sections of the PDS
 - Continue to conduct research
 - Start brainstorming ideas for the project
 - Create the weekly progress report document
 - Create the PDS document
- Belle Counts -
 - Completed designated sections of the PDS
 - Continued research for the project

- Began looking into materials for the project
- Attempted to set up times to visit clients home.
- Jacki Szelagowski -
 - Completed my sections of the PDS
 - Continued relevant research
 - Stayed in communication with our client
- Kalob Kimmel -
 - Complete three sections of PDS
 - Continue research
 - Continue updating website
 - Start brainstorming project ideas
- Navya Jain -
 - Completed allocated section of the PDS
 - Continued researching solutions for the project
 - Started looking into materials that can be used

Team Member	Tasks (brief)	Weekly Time	Total time to date
TEAM	Complete first client meeting, complete PDS	2 hrs	2.5 hrs
Meghan Kaminski	Research, start progress report, work on sections of the PDS, start brainstorming	4 hrs	6 hrs
Belle Counts	Research, work on PDS sections, edit PDFS sections, give feedback on group members PDS work	3.5 hrs	5.5 hrs
Jacki Szelagowski	Research, PDS work, communicating with client to find meeting time	3.5 hours	5.5 hours
Kalob Kimmel	Work on PDS, Research, Brainstorming, Update Website	3.5 hrs	5.5hrs
Navya Jain	Work on PDS, Research, Idea Designs, Materials research	3 hrs	4hrs
		Total	29hrs

Weekly/Ongoing Difficulties

- The team is still having difficulty finding a time to visit the client. The times given during the week were too close to classes, or too late for the client. With everyone's busy schedules and the career fair happening this week, there were no times. The times for the coming week are also conflicting with many team members' schedules.
- The team is having trouble finding time to meet outside of the two hour block period. If there continues to be an issue of time, the team will utilize the extra thirty minutes left after the advising meeting to collaborate.

Upcoming Team and Individual Goals

- Team -
 - Brainstorm ideas for the project
 - Complete and finish the design matrix
 - Continue to edit the PDS as changes occur
 - Meet with the clients in person to collect certain information
- Meghan Kaminski -
 - Brainstorm five ideas for the project
 - Create the document for the design matrix
 - Create the progress report for the next week
 - Continue individual research
- Belle Counts -
 - Get PDS submitted
 - Continue researching for the project
 - Fine a time to go to the clients house
 - Have another meeting with the client / clients therapist
- Jacki Szelagowski -
 - Update client and advisor on progress report
 - Finalize a date to meet with client
 - Work on research for the design matrix
- Kalob Kimmel -
 - Brainstorm five ideas for project
 - Continue updating the website
 - Make quick sketches of ideas
 - Continue individual research
- Navya Jain -
 - Brainstorm ideas for the project
 - Work on design matrix
 - Continue individual research and research on materials

Project Timeline

Project Goal	Deadline	Team Assigned	Progress	Date Completed
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