

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 system to allow this will provide the fix needed for the client to use her gait trainer while on the treadmill.

Brief Status Update

The team finished the preliminary presentations within the last week. The team had a successful time presenting and are eager to begin the next steps. The team is working on the preliminary report, which will be completed on Friday.

Summary of Weekly Team Member Design Accomplishments

- Team -
 - Preliminary Report
 - Continue research
 - Preliminary presentations
 - Met to practice preliminary presentation
- Meghan Kaminski -
 - Finish the preliminary report
 - Continue to research about testing and materials
 - Created the progress report
 - Presented preliminary report
- Belle Counts -
 - Finish preliminary report
 - Edit preliminary report

- Presented preliminary presentation
- Continue research
- Looked into materials
- Jacki Szlagowski -
 - Finish preliminary report
 - Research testing and materials
 - Keep our client up to date on what we are working on
- Kalob Kimmel -
 - Continued research
 - Finished preliminary report
 - Continued to update website
 - Presented preliminary presentation
- Navya Jain -
 - Finished preliminary report
 - Made edits to preliminary report
 - Presented preliminary presentation
 - Continued research on materials

Team Member	Tasks (brief)	Weekly Time	Total time to date
TEAM	Preliminary report, preliminary presentation, research	5 hrs	11.5 hrs
Meghan Kaminski	Practice preliminary presentation, preliminary report	5 hrs	22 hrs
Belle Counts	practice preliminary presentation, research on materials, preliminary report work	6 hrs	22 hrs
Jacki Szlagowski	Preliminary report work, research of materials and testing	5 hrs	20 hours
Kalob Kimmel	Preliminary report, research practice preliminary presentation	5.5 hrs	20hrs
Navya Jain	Practiced preliminary presentation, worked on preliminary report, work on material research	5hrs	18hrs

	Total	87hrs
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Weekly/Ongoing Difficulties

- The team is having difficulties finding enough time to finish the preliminary report. This week was heavy on exams, so completing the preliminary report on Wednesday is difficult.
- 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 -
 - Order materials
 - Continue research
 - Think about fabrication times
- Meghan Kaminski -
 - Finish preliminary research
 - Finish preliminary report
 - Organize a meeting with the team
 - Decide on final materials and begin fabrication
- Belle Counts -
 - Finish final touches on preliminary report
 - Meet again with client to update her on progress
 - Order materials
 - Begin working on product for show and tell
 - Research
- Jacki Szelagowski -
 - Edit preliminary report and make sure it is ready to submit
 - Continue researching materials and testing
 - Order materials
 - Work on show and tell model
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- Kalob Kimmel -
 - Continue research
 - Finish preliminary report
 - Begin product prototyping
 - Continue updating website
- Navya Jain -
 - Review preliminary report
 - Finalize materials needed
 - Start ordering materials
 - Discuss fabrication process

