

Handicap Accessible Bicycle

Client: Ted Elias

Advisor: John Puccinelli

Team: Morgan Kemp mrkemp@wisc.edu (Team Leader)
 Tianna Garcia tngarcia@wisc.edu (Communicator)
 Shelby Mochal smochal2@wisc.edu (BPAG)
 Emmy Russell eerussell2@wisc.edu (BWIG/BSAC)

Date: 3/9/17-3/16/17

Problem Statement

The current options for a disabled adult to participate in a fun task such as going for a bike ride are very limited in availability and price. The current market also does not provide multiple options to fit the needs of a traumatic brain injury (TBI) patient and their limited mobility. Not only is our client's wife recovering from a TBI, but also a mother who would very much enjoy going for simple bike ride. By creating a new bike "sidecar" custom to the needs and capabilities of the client's wife and with cost of around \$500, more family activities can be a part of our client's life.

Last Week's Goals

- To order all the materials and begin manufacturing

Summary of Team Role Accomplishments

- Team Leader, Morgan: Facilitated team meetings, made agenda, contacted baja
- Communicator, Tianna: Contacted Northern tool regarding seat questions
- BSAC, Emmy: Attended BSAC meeting
- BWIG, Emmy: Updated website with project status and progress report
- BPAG, Shelby:

Summary of Design Accomplishments

- Created new frame measurements, revamped budget, solidworks progress

Activities

Date	Person	Task	Time(hrs)	Weekly Total	Semester Total
3/14/17	Morgan	Baja Meeting	1	1.75	24.25
3/16/17		Solidworks	.5		
3/12/17		Agenda	.25		
3/10/17	Tianna	Redesign wheel dimensions in solidworks	2.5	2.75	19.5
3/15/17		Contact Northern tool with questions regarding the seat	0.25		
3/15/17	Shelby	Drawing of design to scale	2	2	15.75
3/7/17	Emmy	Calculated weight, price, and lifetime differences between steel and aluminum	1	1	15.5
3/8/17	Team	Meeting	1	1	11.5

Statement of Team Goals

To order all materials and begin manufacturing.

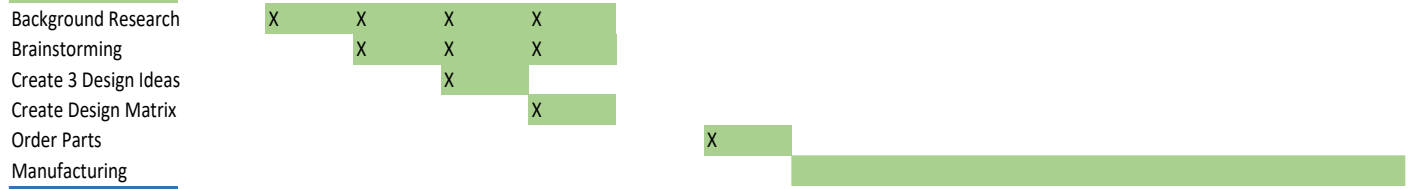
Individual Goals

- Morgan – Update notebook
- Tianna – Update notebook
- Shelby- Update notebook
- Emmy- Update notebook

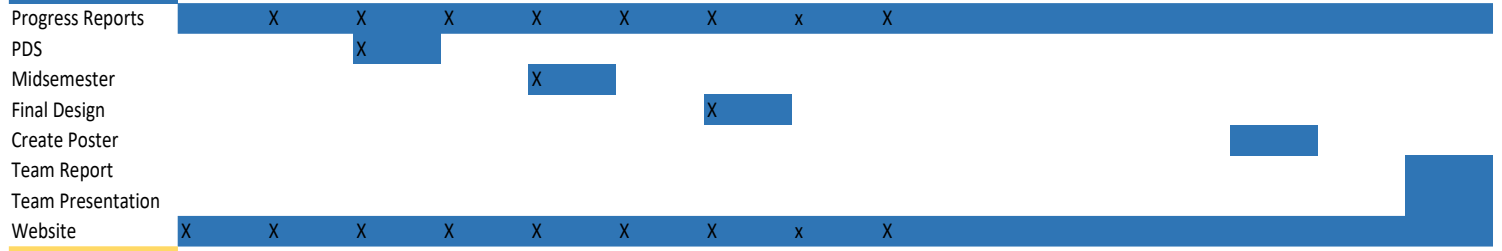
Difficulties: None

Project Schedule/Timeline:

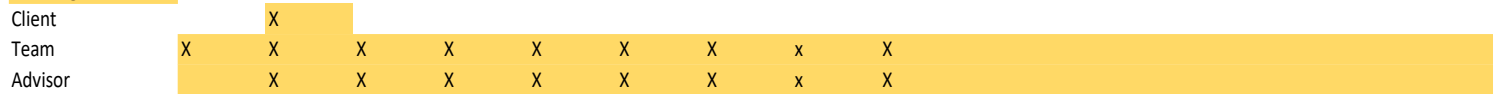
Project R&D



Deliverables



Meetings



Expenses: None