

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: 2/3/17-2/10/17

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 create our design matrix.

Summary of Team Role Accomplishments

- Team Leader, Morgan: Facilitated team meeting
- Communicator, Tianna: Contacted ME team
- BSAC, Emmy: Attended BSAC meeting
- BWIG, Emmy: Updated website with project status and progress report
- BPAG, Shelby:

Summary of Design Accomplishments

- This week we worked on our three designs to improve accessibility and the criteria for our design matrix.

Activities

Date	Person	Task	Time(hrs)	Weekly Total	Semester Total
2/8/17	Morgan	Research	2	2	2
2/7/17	Tianna	Seatpost attachment research	0.5	1.25	4.25
2/8/17		Contacted ME team about meeting	0.25		
2/9/17		Dip design description	0.5		
2/9/17	Shelby	Design Matrix criteria	1	1	3.5
2/6/17	Emmy	Welding Seminar	2	3	6.75
2/9/17		Worked on crutch design	1		
2/8/17	Team	Meeting	1	1	4

Statement of Team Goals

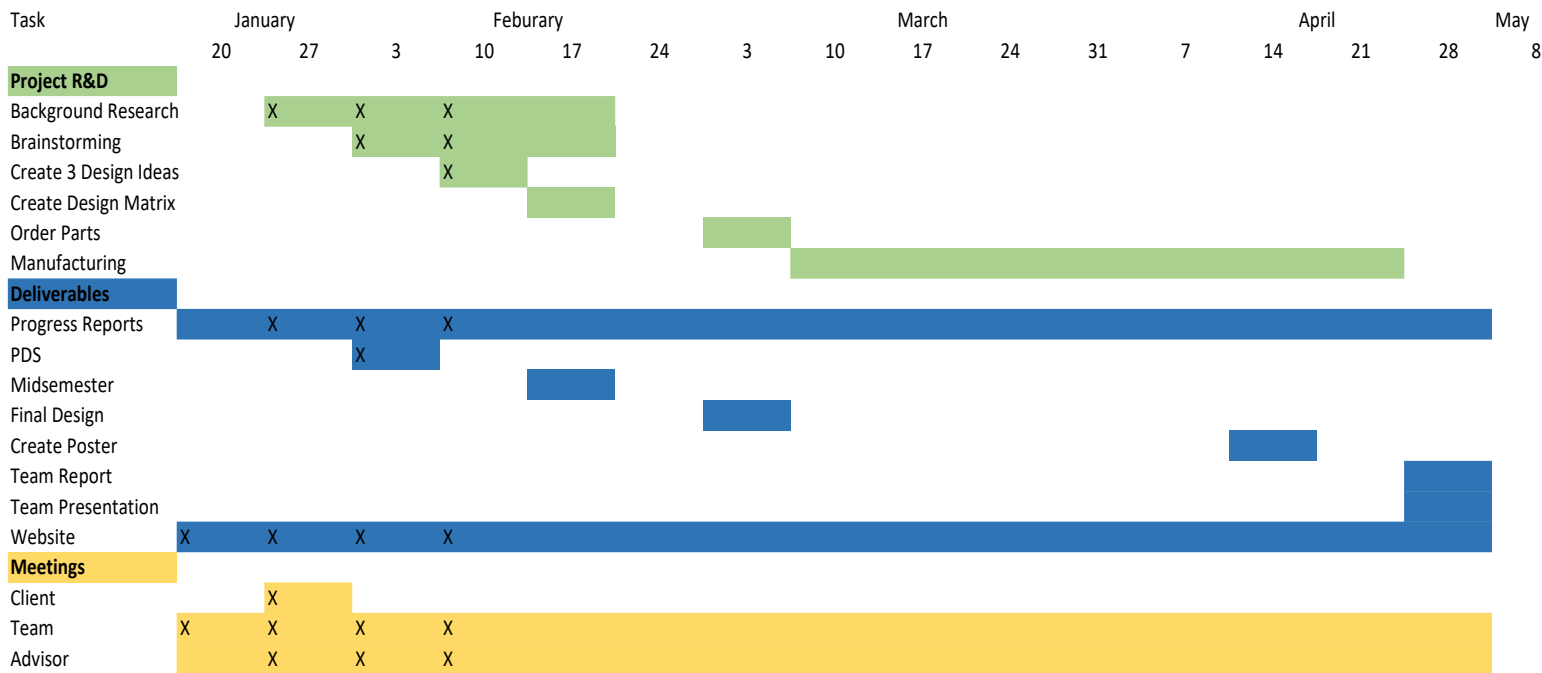
To finish the budget proposal for the next prototype.

Individual Goals

- Morgan –
- Tianna – Keep in contact with ME team, complete welding seminar
- Shelby- Continue to work on welding pass
- Emmy- Work on crutch design

Difficulties: None

Project Schedule/Timeline:



Expenses: None