

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: 2/17/17-2/23/17

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 finish the budget proposal for the next prototype.

Summary of Team Role Accomplishments

- Team Leader, Morgan: Facilitated team meetings, made agenda
- Communicator, Tianna: Contacted ME team to set up meeting to discuss prototypes and designs
- BSAC, Emmy: Attended BSAC meeting
- BWIG, Emmy: Updated website with project status and progress report
- BPAG, Shelby:

Summary of Design Accomplishments

- This week we finished the preliminary report, peer evaluations, updated notebooks, and finished the proposed budget.

Activities

Date	Person	Task	Time(hrs)	Weekly Total	Semester Total
2/21/17	Morgan	Preliminary Report and Peer Evals	2	4.5	13
2/19/17		Agenda	.25		
2/21/17		Contacted Formula team	.25		
2/21/17		Updated Notebook	1		
2/20/17		Worked on Budget Proposal	1		
2/20/17	Tianna	Work on peer evaluations	2	4.5	10.25
2/20/17		Item research for budget proposal	1		
2/21/17		Work on preliminary report	1.5		
2/20/17	Shelby	Work on item pricing for budget proposal	.5	2.75	8.25
2/20/17		Research on horns to incorporate on the trailer attachment	.25		
2/21/17		Work on report and peer evals	2		
2/20/17	Emmy	Work on budget proposal	0.5	2	9.75

2/21/17		Worked on report and peer eval	1.5		
2/19/17	Team	Meeting	1	2	8
2/22/17		Meeting/Consultation with Formula	1		

Statement of Team Goals

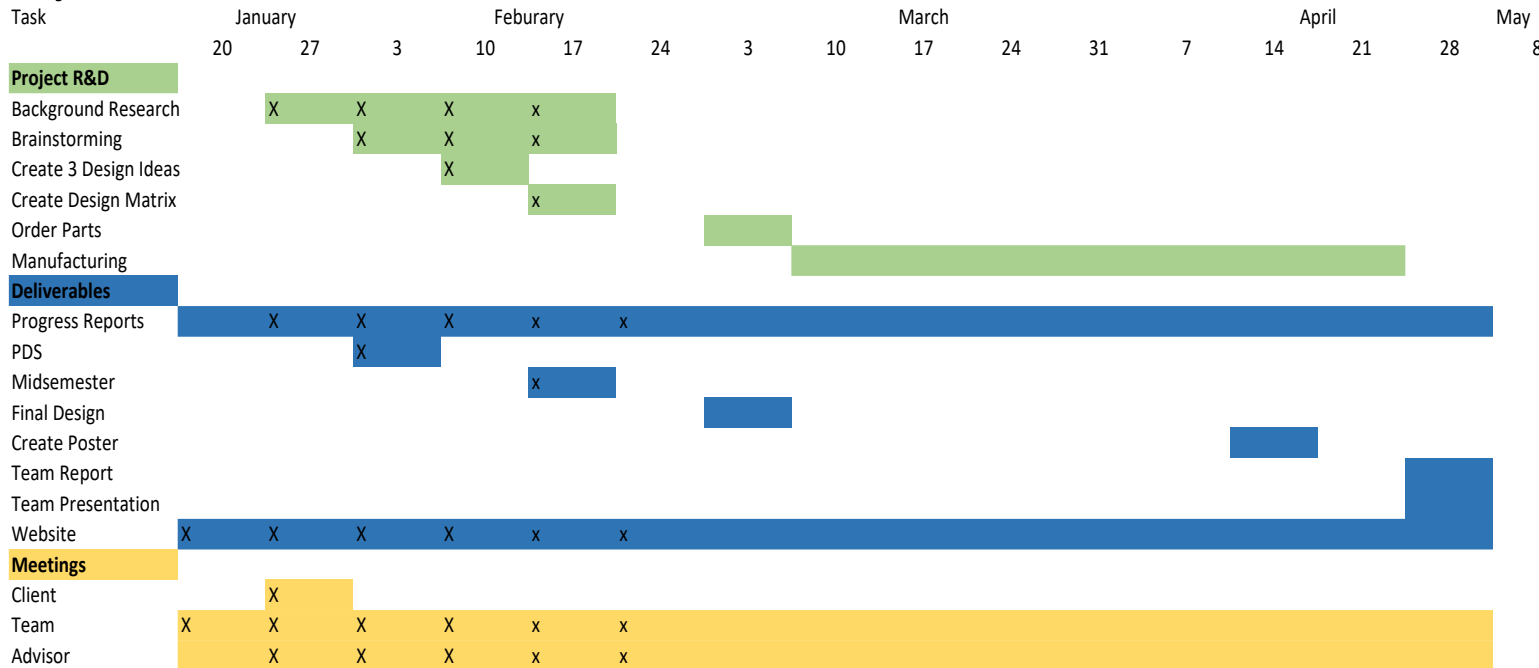
To work on solidworks designs of complete design and pedals.

Individual Goals

- Morgan – To find another welding seminar
- Tianna – Complete welding seminar
- Shelby- Attend welding seminar
- Emmy-

Difficulties: None

Project Schedule/Timeline:



Expenses: None