

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: 4/13/17 - 4/20/17

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

- Attach seat, hitch, and wheels

Summary of Team Role Accomplishments

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

Summary of Design Accomplishments

- Worked on executive summary and started axle and hitch work.

Activities

Date	Person	Task	Time(hrs)	Weekly Total	Semester Total
4/11/17	Morgan	Organized Google Drive	1	4	33.75
4/13/17		Axle and Hitch Manufacturing	2		
4/13/17		Missing Parts Spreadsheet	1		
4/7/17	Tianna	Finished weld on the frame and underneath the arcs	2	2.5	25.5
4/11/17		Worked on executive summary	0.5		
4/13/17	Shelby	Worked on executive summary for Tong award	2	2	24.5
4/7/17	Emmy	Finish welding frame	2	4	20.5
		Axle and Hitch Manufacturing	2		
4/12/17	Team	Meeting	0.5	.5	15

Statement of Team Goals

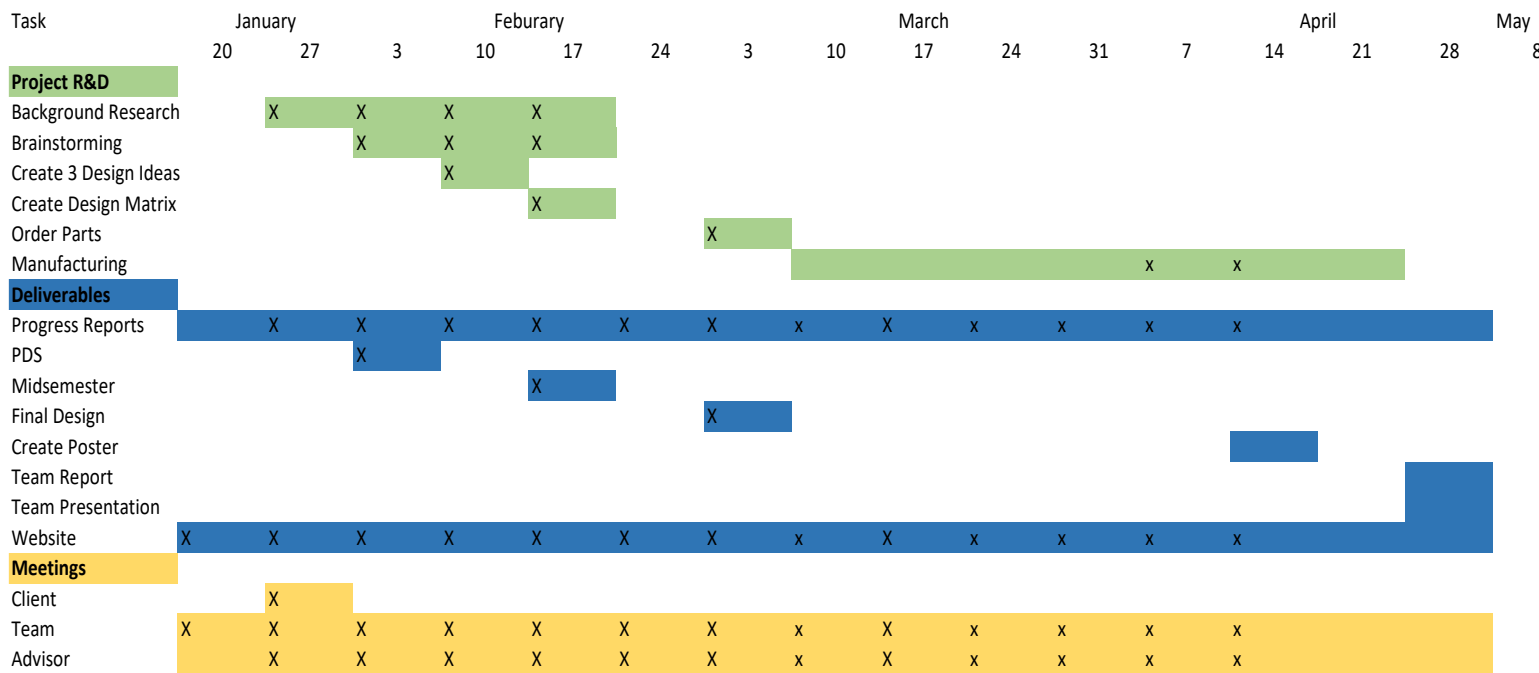
Drill holes for pedals and axle, attach wheels and pedal bar, add extra supports.

Individual Goals

- Morgan – Continue fabrication
- Tianna – Continue fabrication

- Shelby- Continue fabrication and finish the executive summary
- Emmy- Continue fabrication

Difficulties: None



Expenses:

Seat \$95.99

Bars \$98.50

Hitch \$26

Bike \$ 100 ??