

# 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:** 3/31/17-4/6/17

## 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 have the main frame constructed by the end of the week

## Summary of Team Role Accomplishments

- Team Leader, Morgan: Facilitated team meeting, set up baja time
- Communicator, Tianna: contacted ME team regarding double bike stand
- BSAC, Emmy: Attended BSAC meeting
- BWIG, Emmy: Updated website with project status and progress report
- BPAG, Shelby:

## Summary of Design Accomplishments

- Manufactured the main frame of the bike

## Activities

Date	Person	Task	Time(hrs)	Weekly Total	Semester Total
4/5/17	Morgan	Bending and Coping the double arch	1.5	3.5	29.75
4/6/17		Welding/Cutting Frame	2		
4/4/17	Tianna	Cut steel rods for arches	1	1	23
4/6/17	Shelby	Welding/Cutting Frame	2	2	21
4/4/17	Emmy	Cut steel rods for arches	1	1	16.5
4/5/17	Team	Meeting	0.5	2	14.5
4/2/17		Bent bars for frame	1.5		

## Statement of Team Goals

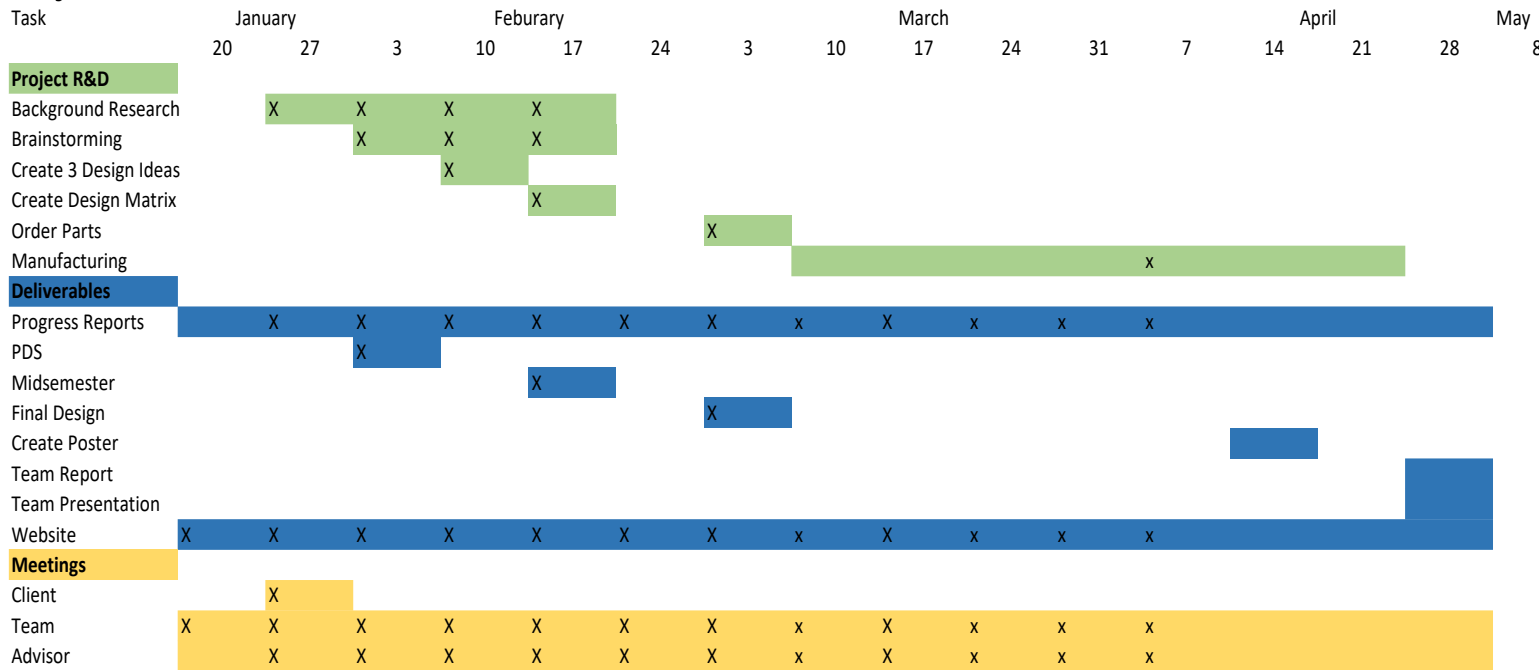
Attach Hitch, seat, and wheels.

## Individual Goals

- Morgan – Continue fabrication
- Tianna – Continue fabrication
- Shelby- Continue fabrication, order the rest of our materials
- Emmy- Continue fabrication

**Difficulties:** None

## Project Schedule/Timeline:



## Expenses:

Seat \$95.99

Bars \$98.50

Hitch \$26