

MEETING MINUTES

Topic: Meeting for Team 19 - Modified Bicycle Design Team

Tuesday, October 11, 2016

4:15 pm – 5:45 pm

Minutes recorded by K. Zoe Lucke

Meeting called by Instructor David Trevas

Attendees: Fahad Alajmi, Matthew Palmer, Basem Alghamdi, K. Zoe Lucke, and Alex Lawson

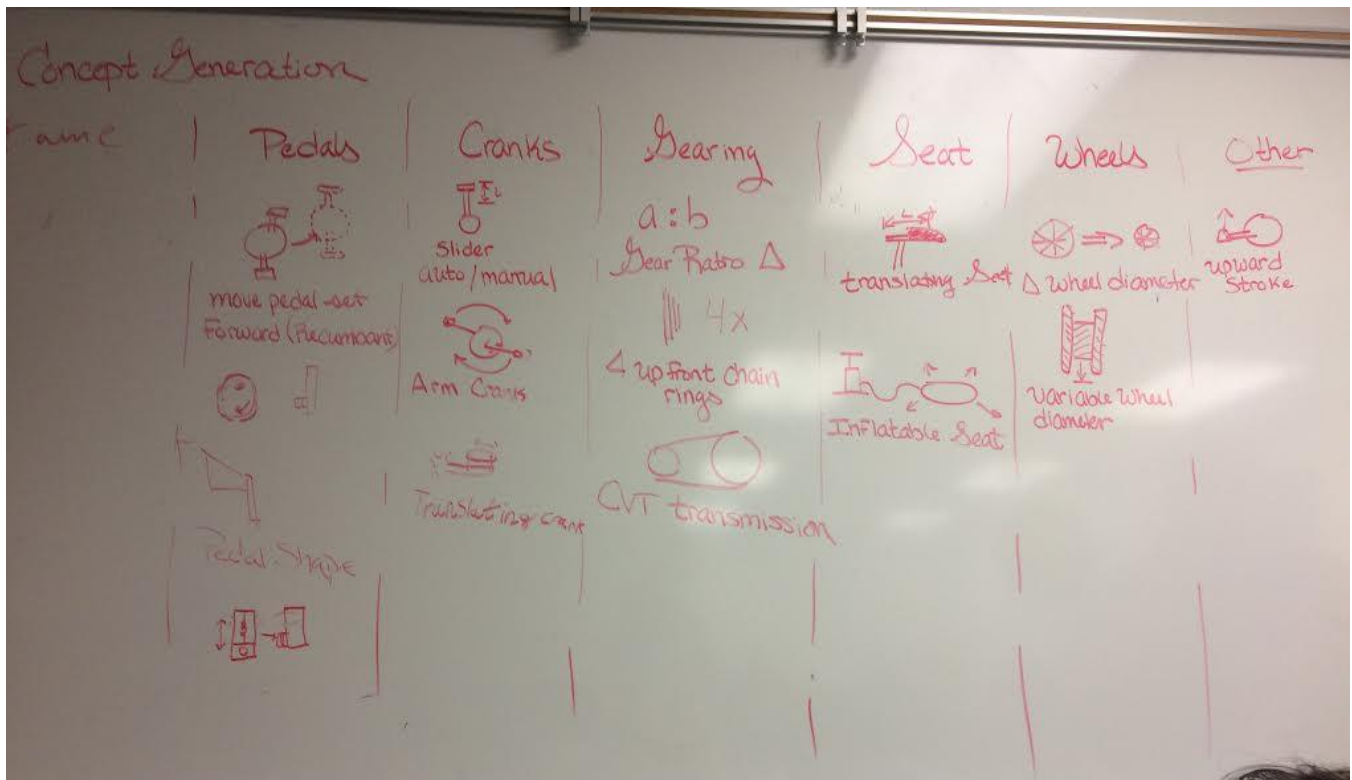
Table 1: Record of meeting.

4:15 pm to 5:00 pm	Concept Generation <ul style="list-style-type: none">• Discussion led by Matthew Palmer and Alex Lawson• Wrote subsystems (Frame, Pedals, Cranks, Gearing, Seat, Wheels) on a white board and recorded/organized brainstormed designs from previous meeting• Continued to brainstorm as a group and add to the white board• Discussed possibility of combining designs<ul style="list-style-type: none">• Adjustable seat paired with the adjustable crank arm• Modified gear set paired with a shortened crank arm• A picture of the white board with all the designs are in Figure 1 at the end of this report	Dub Bois Center Rm 19
5:00 pm to 5:15 pm	Discussion of Preliminary Engineering Requirements <ul style="list-style-type: none">• Discussion led by K. Zoe Lucke and Alex Lawson• Listed out customer requirements and created preliminary engineering requirements:<ul style="list-style-type: none">• Added weight < 300g• Each design , \$X• Able to withstand and impact force of X pounds• Torque generation similar to standard bike• Knee angle > 90°• Further research and calculations are needed to confirm the numbers listed and to replace the X's	Dub Bois Center Rm 19
5:15 pm to 5:45 pm	Discussion of Lecture 3 and Example Reports <ul style="list-style-type: none">• Discussion led by K. Zoe Lucke• Discussion on Lecture 3 – Questions:<ul style="list-style-type: none">• Do all the prototypes have to be to scale? If no, then which ones do/don't• Do we have to make all six models, or just a chosen few• Discussion on example reports – Observations:<ul style="list-style-type: none">• Well worded• Very concise	Dub Bois Center Rm 19

Table 2: Tasks Assigned.

Task	Person Assigned	Due Date	Date Complete
Brainstorm more ideas	Everyone	10/19/16	
Contact client and set up meeting for update	Fahad Alajmi	9/13/13	

Figure 1: Brainstormed Designs



Next formal meeting: 10/19/16, Internet Cafe, Engineering Building, at 6:30pm.