Bicycle Schedule

Benjamin Srock

Embry-Riddle Aeronautical University Worldwide Campus

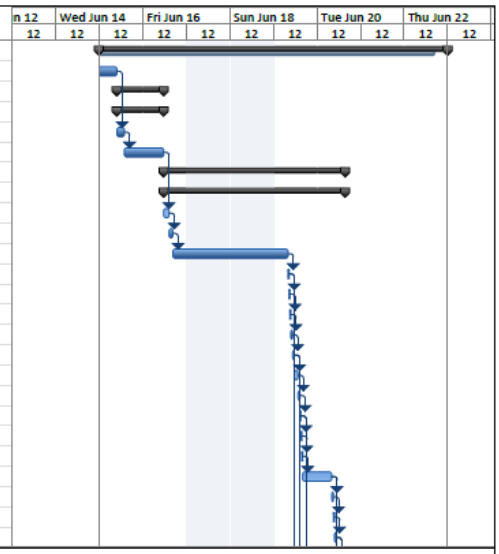
Plan, Direct, Control Project

PMGT 614

Instructor: Jimmie Flores

PROJECT SCHEDULE

ID		Task Mode	Task Name	Duration
1			**Build a Bicycle**	**6 days**
2			Project Initiation	1.88 hrs
3			**Preliminary Plan**	**1.22 days**
4			**Bicycle Integration**	**1.22 days**
5			Create a Concept	3 hrs
6			Design Bicycle	6.75 hrs
7			**Project Planning**	**2.38 days**
8			**Procure Material**	**2.38 days**
9			Order Frame	2 hrs
10			Order Handlebars	2 hrs
11			Order Fork	0.5 hrs
12			Order Seat	0.5 hrs
13			Order Pedals	0.5 hrs
14			Order Bearings	0.5 hrs
15			Order Crank Arms	1 hr
16			Order Sprocket	1 hr
17			Order Front Wheel	1 hr
18			Order Rear Wheel	1 hr
19			Order Tires & Tubes	0.5 hrs
20			Order Brake Levers	0.5 hrs
21			Order Brake Cables	0.5 hrs
22			Order Brake Pads/Calipers	1 hr
23			Order Derailer	1 hr
24			Order Shift Cables	0.5 hrs
25			Order Shift Levers	1 hr



Project: Ben Group 4 Bicycle After
Date: Sat 8/26/17

Task	Inactive Task	Start-only	
Split	Inactive Milestone	Finish-only	
Milestone	Inactive Summary	Deadline	
Summary	Manual Task	Critical	
Project Summary	Duration-only	Critical Split	
External Tasks	Manual Summary Rollup	Progress	
External Milestone	Manual Summary		

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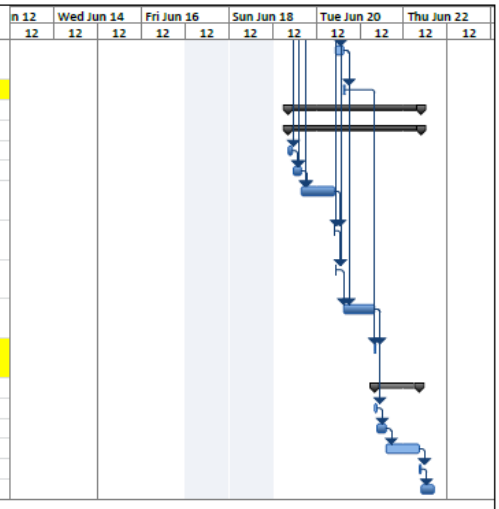
26			Order Phone Dock, Power Supply, and Bluetooth from Contractor	3.5 hrs
27			Procure Training Wheels	0.5 hrs
28			**Project Production**	**3.13 days**
29			**Bicycle Assembly**	**3.13 days**
30			Assemble Frameset	0.28 days
31			Assemble Crankset to Frame	0.4 days
32			Assemble Wheels & Mount to Frame Set	0.42 days
33			Assemble Braking System & Mount to Frame Set	0.01 days
34			Assemble Shifting System & Mount to Frame Set	0.02 days
35			Assemble Phone Dock & Mount to Frame Set	2 hrs
36			Assemble Training Wheels to Frame Set	0.5 hrs
37			**Perform Assembly Testing**	**1.06 days**
38			Perform Component Test	1.25 hrs
39			Perform Product Test	4 hrs
40			Perform Customer Testing	3.25 hrs
41			Deliver Bicycle to Customer	1 hr
42			**Project Closeout**	6 hrs



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