

Planning Process Group Artifacts

6.6 Develop Schedule

6.6.3 Project Schedule (Output)

PMGT 690, ERAU, Prof. Sherman

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6.6.3 Project Schedule (Output): This project schedule was developed from developing the bicycle project from PMGT 614. This schedule is an output of a model that presents linked activities with planned dates, start and finish times, durations, and any successors or predecessors. This can give project teams and stakeholders an idea of what activities need to be accomplished prior to the one about to start.

	Task Name	Duration	Start	Finish	Successors	Predecessors
1	1.0 Bicycle Project	2 days	Mon 4/10/17	Tue 4/11/17		
2	1.1 Frame Set	0.11 days	Sun 4/9/17	Mon 4/10/17		
3	1.1.1 Choose Frame Set	0.1 hrs	Sun 4/9/17	Sun 4/9/17	4,19	
4	1.1.2 Procure frame set	0.1 hrs	Mon 4/10/17	Mon 4/10/17	5	3
5	1.1.3 Build frame set	0.75 hrs	Mon 4/10/17	Mon 4/10/17	7,11,12,16	4
6	1.2 Crank Set	0.07 days	Mon 4/10/17	Mon 4/10/17		
7	1.2.1 Install Crank Set	0.25 hrs	Mon 4/10/17	Mon 4/10/17	8	5
8	1.2.2 Install Pedal	0.1 hrs	Mon 4/10/17	Mon 4/10/17	9	7
9	1.2.3 Install Reflectors	0.2 hrs	Mon 4/10/17	Mon 4/10/17		12,8
10	1.3 Wheels	0.03 days	Mon 4/10/17	Mon 4/10/17		
11	1.3.1 Front wheel tire build-up	0.1 hrs	Mon 4/10/17	Mon 4/10/17	13	5
12	1.3.2 Rear Wheel tire build-up	0.1 hrs	Mon 4/10/17	Mon 4/10/17	9,13	5
13	1.3.3 Inflate Tires	0.1 hrs	Mon 4/10/17	Mon 4/10/17	15,20	11,12
14	1.4 Braking System	0.08 days	Mon 4/10/17	Mon 4/10/17		
15	1.4.1 Set up brake pads	0.2 hrs	Mon 4/10/17	Mon 4/10/17	17	13
16	1.4.2 Install hand lever	0.1 hrs	Mon 4/10/17	Mon 4/10/17		5
17	1.4.3 Connect cables	0.25 hrs	Mon 4/10/17	Mon 4/10/17		15
18	1.5 Shifting System	0.18 days	Mon 4/10/17	Mon 4/10/17		
19	1.5.1 Design shift system	0.5 hrs	Mon 4/10/17	Mon 4/10/17		3
20	1.5.2 Mount gears on rear wheels	0.25 hrs	Mon 4/10/17	Mon 4/10/17	21	13
21	1.5.3 Rig shifting to handlebar	0.1 hrs	Mon 4/10/17	Mon 4/10/17	23,31	20
22	1.6 Integration	0.27 days	Mon 4/10/17	Mon 4/10/17		
23	1.6.1 Validate System	0.5 hrs	Mon 4/10/17	Mon 4/10/17	24	21
24	1.6.2 Verify system	0.25 hrs	Mon 4/10/17	Mon 4/10/17		23
25	1.6.3 Test Systems	0.5 hrs	Mon 4/10/17	Mon 4/10/17		33
26	1.7 Project Management	0.25 days	Sun 4/9/17	Mon 4/10/17		
27	1.7.1 Initiate Planning	1 hr	Sun 4/9/17	Sun 4/9/17	28	
28	1.7.2 Manage Stakeholder Expectations	1 hr	Mon 4/10/17	Mon 4/10/17	29	27
29	1.7.3 Monitoring and Controlling	1 hr	Mon 4/10/17	Mon 4/10/17		28

30	1.8 Smart Phone Speaker Dock	0.15 days	Mon 4/10/17	Mon 4/10/17		
31	1.8.1 Initial Testing	0.5 hrs	Mon 4/10/17	Mon 4/10/17	32	21
32	1.8.2 Install Phone Dock	0.2 hrs	Mon 4/10/17	Mon 4/10/17	33	31
33	1.8.3 Test on bike	0.5 hrs	Mon 4/10/17	Mon 4/10/17	25	32