

# **Monitoring and Controlling Process Group Artifacts**

6.7 Control Schedule

6.7.1 Project Schedule (Input)

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**6.7.1 Project Schedule (Input):** Project schedule refers to the milestones and deliverables that are done or need to be done. This can include the items that have been started and have been completed to show progression. This artifact was taken from PMGT 614, bicycle schedule. It shows tasks name, duration, start and finish times, successors and predecessors. The project schedule is an input for the Control Schedule process.

### Bicycle Schedule

	Task Name	Duration	Start	Finish	Successors	Predecessors
<b>1</b>	<b>1.0 Bicycle Project</b>	<b>2 days</b>	<b>Mon 4/10/17</b>	<b>Tue 4/11/17</b>		
<b>2</b>	<b>1.1 Frame Set</b>	<b>0.11 days</b>	<b>Sun 4/9/17</b>	<b>Mon 4/10/17</b>		
<b>3</b>	1.1.1 Choose Frame Set	0.1 hrs	Sun 4/9/17	Sun 4/9/17	4,19	
<b>4</b>	1.1.2 Procure frame set	0.1 hrs	Mon 4/10/17	Mon 4/10/17	5	3
<b>5</b>	1.1.3 Build frame set	0.75 hrs	Mon 4/10/17	Mon 4/10/17	7,11,12,16	4
<b>6</b>	<b>1.2 Crank Set</b>	<b>0.07 days</b>	<b>Mon 4/10/17</b>	<b>Mon 4/10/17</b>		
<b>7</b>	1.2.1 Install Crank Set	0.25 hrs	Mon 4/10/17	Mon 4/10/17	8	5
<b>8</b>	1.2.2 Install Pedal	0.1 hrs	Mon 4/10/17	Mon 4/10/17	9	7
<b>9</b>	1.2.3 Install Reflectors	0.2 hrs	Mon 4/10/17	Mon 4/10/17		12,8
<b>10</b>	<b>1.3 Wheels</b>	<b>0.03 days</b>	<b>Mon 4/10/17</b>	<b>Mon 4/10/17</b>		
<b>11</b>	1.3.1 Front wheel tire build-up	0.1 hrs	Mon 4/10/17	Mon 4/10/17	13	5
<b>12</b>	1.3.2 Rear Wheel tire build-up	0.1 hrs	Mon 4/10/17	Mon 4/10/17	9,13	5
<b>13</b>	1.3.3 Inflate Tires	0.1 hrs	Mon 4/10/17	Mon 4/10/17	15,20	11,12
<b>14</b>	<b>1.4 Braking System</b>	<b>0.08 days</b>	<b>Mon 4/10/17</b>	<b>Mon 4/10/17</b>		
<b>15</b>	1.4.1 Set up brake pads	0.2 hrs	Mon 4/10/17	Mon 4/10/17	17	13
<b>16</b>	1.4.2 Install hand lever	0.1 hrs	Mon 4/10/17	Mon 4/10/17		5
<b>17</b>	1.4.3 Connect cables	0.25 hrs	Mon 4/10/17	Mon 4/10/17		15
<b>18</b>	<b>1.5 Shifting System</b>	<b>0.18 days</b>	<b>Mon 4/10/17</b>	<b>Mon 4/10/17</b>		
<b>19</b>	1.5.1 Design shift system	0.5 hrs	Mon 4/10/17	Mon 4/10/17		3
<b>20</b>	1.5.2 Mount gears on rear wheels	0.25 hrs	Mon 4/10/17	Mon 4/10/17	21	13
<b>21</b>	1.5.3 Rig shifting to handlebar	0.1 hrs	Mon 4/10/17	Mon 4/10/17	23,31	20
<b>22</b>	<b>1.6 Integration</b>	<b>0.27 days</b>	<b>Mon 4/10/17</b>	<b>Mon 4/10/17</b>		
<b>23</b>	1.6.1 Validate System	0.5 hrs	Mon 4/10/17	Mon 4/10/17	24	21
<b>24</b>	1.6.2 Verify system	0.25 hrs	Mon 4/10/17	Mon 4/10/17		23
<b>25</b>	1.6.3 Test Systems	0.5 hrs	Mon 4/10/17	Mon 4/10/17		33
<b>26</b>	<b>1.7 Project Management</b>	<b>0.25 days</b>	<b>Sun 4/9/17</b>	<b>Mon 4/10/17</b>		
<b>27</b>	1.7.1 Initiate Planning	1 hr	Sun 4/9/17	Sun 4/9/17	28	
<b>28</b>	1.7.2 Manage Stakeholder Expectations	1 hr	Mon 4/10/17	Mon 4/10/17	29	27
<b>29</b>	1.7.3 Monitoring and Controlling	1 hr	Mon 4/10/17	Mon 4/10/17		28
<b>30</b>	<b>1.8 Smart Phone Speaker Dock</b>	<b>0.15 days</b>	<b>Mon 4/10/17</b>	<b>Mon 4/10/17</b>		

<b>31</b>	1.8.1 Initial Testing	0.5 hrs	Mon 4/10/17	Mon 4/10/17	32	21
<b>32</b>	1.8.2 Install Phone Dock	0.2 hrs	Mon 4/10/17	Mon 4/10/17	33	31
<b>33</b>	1.8.3 Test on bike	0.5 hrs	Mon 4/10/17	Mon 4/10/17	25	32