

# HIGH PERFORMANCE NINJAS

Legend	Planned	In Process	Completed
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Week #	Team Cycle I			Team Cycle II			Team Cycle III							Hours By Activity						
	1	2	3	4	5	6	7	8	9	10	11	12	13							
Dates (Mon-Sun)	9/12 - 9/18	9/19 - 9/25	9-26 - 10/2	10/3 - 10/9	10/10 - 10/16	10/17 - 10/23	10/24 - 10/30	10/31 - 11/6	11/7 - 11/13	11/14 - 11/20	11/21 - 11/27	11/28 - 12/4	12/5 - 12/11							
ACTIVITY OR DEADLINE (Allotted time in hours)														Elaine C.	Cynthia C.	Alex G.	Eric V.	Peter Y.	TOTAL	
<b>PROJECT REQUIREMENTS</b>																				
<b>General Activities</b>																				
Update timetable	2.00		3.00		6.00	3.25	(2)	(2)	(2)	(2)	(2)	(2)	(2)	8.25		1	2	1	12.25	
Tuesday Tag-ups/ coordination of activities	4	4	4	4	1.5	1.50												16	7	23
Meetings with mentors/collaborators	5			9	5.00	3.5		(2)						3.5	6	4	5	4	22.5	
<b>Prepare Level I Requirements</b>																				
Define project	40.5													9	6	9	9	7.5	40.5	
Background research		74.00												16	19	18	12	9	74	
Identify user needs/constraints on design		5.00												1	1	1	1	1	5	
Brainstorm Ideas		17.50												3.5	3.5	3.5	3.5	3.5	17.5	
Develop objectives and criteria			10	3.75										3	3	2.75	2	3	13.75	
Design patch				13.5	4									13	0.75	0.75	1.75	1.25	17.5	
Write and prepare level I report			40											8	8	8	8	8	40	
<b>Prepare Level II Requirements</b>																				
Assemble and modify Level I report					17	13.5								5.5	8	6.5	6.5	4	30.5	
Pugh Chart			2.5	32.75										7.5	8.5	5.5	5	8.75	35.25	
Visit Johnson Space Center							(30)													
Assemble remaining Level II requirements					14									3	0	7	1.5	2.5	14	
Draft powerpoint					18	32								12	7	6	20	5	50	
Research and decide materials for prototype						3										1.5	1.5		3	
Order essential materials for prototype							(3)												0	
<b>Prepare Level III Requirements</b>																				
- Finalize design concept					17.5	6								1	3	7.5	7.5	4.5	23.5	
- Order additional materials							(3)													
- Construct prototype							(70)													
- Test prototype								(35)												
- Final technical report																				
- Modify and update midterm report								(6)												
- Create drawings and schematics								(12)												
- Analyze data from testing									(9)											
- Update Powerpoint presentation									(10)											
- Practice oral presentation									(30)											
- Participate in Showcase										(30)										
<b>OPTION AREAS</b>																				
<b>Outreach (Option I)</b>																				
Planning - idea development					1.00		(20)								1				1	
Planning - prepare materials								(35)												
Outreach event												(30)								
<b>Website (Option III)</b>																				
Create layout design				2.5	7.00									2.5	0.5	0.5	0.5	5.5	9.5	
Create individual pages					1													1	1	
Manage/ update website						2.00	(2)	(2)	(2)	(2)	(2)	(2)	(2)					2	2	
<b>Presentation to Mentor (Option II)</b>																				
Prepare presentation									(10)											
<b>HOURS BY WEEK</b>														<b>TOTAL</b>						
Elaine Chan	14	5.5	24	13.5	28.5	14.25								99.75						
Cynthia Chang	10	7.5	27	5.5	20.75	9.5								80.25						
Alex Gordon	14	6.5	29	3.75	24.75	10.5								88.5						
Eric Vu	16	9.5	29	4	23.75	20.5								102.75						
Peter Yano	10.5	5.5	18	8.5	29	11								82.5						
<b>Total</b>	<b>64.5</b>	<b>34.5</b>	<b>127</b>	<b>35.25</b>	<b>126.75</b>	<b>65.75</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>							

NOTE: Hours displayed in Gantt chart represent the sum of all individual hours for each task per week.