

	Project Name Senior Design 2020-21: Human Centered Design													
	WBS	(1)	Name	Duration	% Complete	Start	Finish	Predecessors	Resources	Custom 1	Custom 2	Custom 3	Custom 4	Custom
	4							110000033013	resources	Oustoni i	Oddioiii 2	Ouston 5	Ouston 4	Custon
	1 1		□ Project Management For Human Centered Design □ Initiating	193days? 16.43days?		08/17/2020 08/17/2020	12/07/2020 08/26/2020							
	1.1.1	*	Market Brainstorming	16.43days?		08/17/2020	08/26/2020							
	1.1.2		Understand Leadership Styles & Participatory Design	3days	100%		08/19/2020							
	1.1.3		Develop Team Charter	4days	100%	08/21/2020	08/23/2020							
	1.2	✓	□ Define Market	24days?	100%	08/26/2020	09/09/2020	3						
	1.2.1	■ 🗸 🗟	Initial Selection of Top Submarket	1day?	100%	08/26/2020	08/27/2020							
	1.2.2	□ 🖔 🗸	Interview Small Business Owners	11.29days?		08/27/2020	09/03/2020	7						
	1.2.3		☐Re-Selection of Top Submarket	2.64days?			09/04/2020	8						
	1.2.3.1	✓	Bathroom & Germs Presentation	1day?	100%		09/04/2020		Cayla Mandel[25]					
	1.2.3.2		Teachers Presentation Finalize Market Choice	1day 2.71days?	100%		09/04/2020 09/09/2020	a	Casey Goodwin[1					
	1.2.5		Decide Market Choice	0.5day?	100%	09/09/2020	09/09/2020							
	1.3	✓	□ Preliminary Design Conceptualization	13.71days?										
	1.3.1	*	Initial Interviewing of Special Ed Teachers	13days?	100%	09/09/2020	09/17/2020							
	1.3.2	₩	Initial Research on Special Education	13days?	100%	09/09/2020	09/17/2020							
	1.3.3	□ 🖔 🗸 📄	Determine Engineering Solution	13days?	100%	09/10/2020	09/17/2020							
	1.4	E	□ Deliverable Action	139.29days	366%	09/17/2020	12/07/2020							
	1.4.1	√ 🗟	□Conceptual Preliminary Design Report	6.71days?		09/17/2020								
	1.4.1.1	₩ ✓	Motivation for project	1day?	100%	09/17/2020			Kyle Higa[33.3%]					
_	1.4.1.2	₩	Current State of the Art	1day?	100%	09/17/2020			Casey Goodwin[2 Cayla Mandel[33.					
_	1.4.1.3	₩ ✓	Planned Approach Roles and Responsibilities	1day? 1day?	100%	09/17/2020	09/21/2020		Casey Goodwin[2					
_	1.4.1.5	₽ ✓	Team Schedule	1day?	100%	09/17/2020			Casey Goodwin[2					
-	1.4.1.6		Required Resources	1day?	100%	09/17/2020			Cayla Mandel[33.					
-	1.4.1.7	₩.	Stakeholders or External Partnerships	1day?	100%	09/17/2020			Kyle Higa[33.3%]					
	1.4.2	□ 🖔 🗸 📄	First 5 Minute Presentation	5.64days?	100%	09/18/2020	09/21/2020		Casey Goodwin[5					
Ī	1.4.3	✓	⊡ Design Proposal	13days?	100%	10/12/2020								
-	1.4.3.1	□ ✓	Motivation for project	13days?	100%	10/12/2020								
_	1.4.3.2	₩ ✓	Current State of the Art	13days?	100%		10/19/2020							
-	1.4.3.3	₩	Planned Approach	13days?	100%		10/19/2020							
_	1.4.3.4	3 ✓	Roles and Responsibilities Team Schedule	13days? 13days?	100%	10/12/2020								
_	1.4.3.6		Required Resources	13days?	100%									
-	1.4.3.7	₩	Stakeholders or External Partnerships		100%		10/19/2020							
	1.4.4	<u></u>	Second 5 Minute Presentation	9.57days?	90%	10/14/2020	10/19/2020							
	1.4.5	₩ ✓	Statement of Individual Goals	13days?	100%	10/12/2020	10/19/2020							
	1.4.6	**	Third 5 Minute Presentation	13days?	0%	11/09/2020	11/16/2020							
-	1.4.7	5	Midyear Progress Report	19.86days?			12/03/2020							
_	1.4.8		Midyear Poster and Complete Design Presentation	19.86days?			12/03/2020							
_	1.4.9	00 A	□ Website	114.14days		10/02/2020								
_	1.4.9.1	₩	Initial Website Update Second Website Update	6.14days? 6.14days?			10/05/2020							
	1.4.9.3		Third Website Update	7.86days?			12/07/2020							
	1.5		□Accountability Band Project Management	123days?				17FS+5days						
	1.5.1		□ Design Specification	13days?	95%	09/26/2020	10/04/2020							
	1.5.1.1	₩	Interviews	13days?	100%	09/26/2020	10/04/2020							
	1.5.1.2	<u> </u>	Research		90%		10/04/2020							
	1.5.2		□ Design Decomposition & Visualization	48.29days?	-		10/19/2020							
	1.5.2.1	✓ 🗟	Subsystem Functional Decompositions		100%		09/26/2020							
	1.5.2.2	™ ✓	3D Rendering LCD Visual Decomposition	9.57days?	100%	10/07/2020	10/12/2020							
	1.5.3	<u> </u>	□ App Development	20days? 106.57days		09/30/2020	12/01/2020	50						
	1.5.3.1		Prototype	31.86days?		09/30/2020	10/19/2020							
I	1.5.3.2		Fabrication	1day?	0%	12/01/2020	12/01/2020							
	1.5.4	<u> </u>	Model to Control	0.14day?	0%	10/19/2020	10/19/2020							
	1.5.5		□Controller Design	49days?	0%	10/19/2020	11/16/2020							
	1.5.5.1	*	LCD Controller Design	49days?	0%		11/16/2020	52						
	1.5.5.2	5	Button & Switch Contorller Design	40.43days?		10/24/2020	11/16/2020							
	1.5.5.3	<u></u>	LED Controller Design	26.71days?		11/01/2020	11/16/2020							
	1.5.5.4	<u>™</u>	Timer Controller Design Audio and Vibration Controller Design	26.71days?		11/01/2020	11/16/2020							
	1.5.5.5		Audio and Vibration Controller Design Control to Fabrication	26.71days? 0.86day?	0%	11/01/2020	11/16/2020							
	1.5.7		□ Prototype Fabrication	35.29days?		11/09/2020	11/29/2020							
	1.5.7.1	□	Band Fabrication		0%	11/09/2020	11/16/2020							
	1.5.7.2	***	Prototype Unification	22.29days?		11/16/2020	11/29/2020							
	1.6		□ Portable Desk Project Management	92.14days?	43%	09/21/2020	11/14/2020							
	1.6.1		□ Design Finalization & Visualization	49days?	94%	09/21/2020	10/19/2020							
	1.6.1.1	*	Subsystem Functional Decompositions	25days?	100%		10/05/2020							
	1.6.1.2	3	3D Rendering	11.29days?			10/12/2020	69						
	1.6.1.3	13) 100	Strengths Analysis and Design Refinement	-	90%		10/19/2020							
	1.6.2	B	Design to Fabrication	1day? 43.14days?	0%	10/19/2020 10/19/2020	10/19/2020							
	1.6.3.1		Leg Prototype Fabrication	43.14days? 30.14days?			11/14/2020	71						
	1.6.3.2		Topper Prototype Fabrication		0%		11/10/2020							
	1.6.3.3		Prototype Unification and Completion	6.14days?			11/14/2020							
_	1.7		□ Desktop Project Management	114.14days		09/25/2020								
	1.7.1	*	Design Conceptualization	16.43days?	100%	09/25/2020	10/04/2020							
	1.7.2	-		1day?	0%	10/04/2020	10/04/2020							
	1.7.3		□ Design Decomposition, Finalization & Visualization	25.71days?	97%	10/04/2020	10/19/2020							
ĺ	1.7.3.1	3 ✓	Game Functional Decomposition	7.86days?			10/09/2020							
	1.7.3.2	₩	Game Rendering	6.14days?			10/13/2020							
	1.7.3.3	□ ✓	Wall Functional Decomposition		100%		10/14/2020							
	1.7.3.4	₩ ✓	Wall Rendering		100%		10/16/2020							
	1.7.3.5	3	Rendering Refinement and Finalization		90%		10/19/2020	84						
	4 7 4		Design to Fabrication	1day?	0%	10/19/2020	10/19/2020							
_	1.7.4	B	□ Drototune Februaries	72day-0	004	40/40/2022	44/20/2020							
_	1.7.4 1.7.5 1.7.5.1		☐ Prototype Fabrication Prototype Game	72days? 54.86days?	0%		11/30/2020 11/20/2020							

PDF Generated On: 10/19/2020, 01:35:10 Page 1 / 1