

ID	UID	Description	WBS 1	WBS2	WBS3
1	175	PROJECT START MILESTONE	AAA		
2	250	Project Management	MGT		
3	233	PROJECT MANAGEMENT OVERHEAD (HAMMOCK) TASK	MGT		
4	52	Product Design & Development	DEV		
5	244	Hardware Design & Development	DEV	HDW	
6	227	DESIGN HOUSING/MOUNTING DEVICE FOR ELECTRO/MECHANICAL CONTROLLER	DEV	HDW	
7	59	DESIGN "BREADBOARD MODEL" OF ELECTRO/MECHANICAL CONTROLLER	DEV	HDW	
8	60	BUILD & UNIT TEST "BREADBOARD MODEL" ELECTRO/MECH. CONTROLLER	DEV	HDW	
9	61	CREATE FINAL E/M CONTROLLER DESIGN USING "BREADBOARD" INFO.	DEV	HDW	
10	62	BUILD & UNIT TEST FINAL ELECTRO/MECHANICAL CONTROLLER	DEV	HDW	
11	245	Screen Design & Development	DEV	SCN	
12	53	CREATE INITIAL PROTO. TOUCH SCREEN INTERFACE DESIGN USING FEAS. FEEDBACK	DEV	SCN	
13	54	BUILD/TEST INITIAL PROTOTYPE TOUCH SCREEN INTERFACE	DEV	SCN	
14	55	OBTAIN EXPERT FEEDBACK ON INITIAL PROTOTYPE TOUCH SCREEN INTERFACE	DEV	SCN	
15	241	MODIFY TOUCH SCREEN DESIGN BASED ON EXPERT FEEDBACK	DEV	SCN	
16	56	BUILD/TEST FINAL PROTOTYPE TOUCH SCREEN INTERFACE	DEV	SCN	
17	246	Screen Mount Design & Development	DEV	MNT	
18	96	DETERMINE LOCATION OF TOUCH SCREEN FOR EASY ORGANIST ACCESS	DEV	MNT	
19	97	MODIFY EXISTING ORGAN STRUCTURAL DESIGN TO HOLD TOUCH SCREEN	DEV	MNT	
20	230	MODIFY EXISTING ORGAN DESIGN TO CONCEAL OLD MANUAL STOP LOCATIONS	DEV	MNT	
21	228	DESIGN HOUSING/MOUNTING DEVICE FOR TOUCH SCREEN	DEV	MNT	
22	191	Search for and select software sub-contractors	DEV	SUB	SEL
23	192	EVALUATE ANY APPLICABLE CURRENT SOFTWARE SUB-CONTRACTORS	DEV	SUB	SEL
24	193	RESEARCH POTENTIAL NEW SOFTWARE SUB-CONTRACTORS	DEV	SUB	SEL
25	194	EVALUATE POTENTIAL NEW SOFTWARE SUB-CONTRACTORS	DEV	SUB	SEL
26	195	CREATE SHORT LIST OF CANDIDATE SOFTWARE SUB-CONTRACTORS	DEV	SUB	SEL
27	196	SELECT AND CONTRACT WITH SOFTWARE SUB-CONTRACTOR	DEV	SUB	SEL

28	232	LEAD TIME FOR SCHEDULING SOFTWARE SUBCONTRACTOR	DEV	SUB	SEL
29	202	Software subcontract work	DEV	SUB	WRK
30	199	CONDUCT DESIGN ORIENTATION MEETING WITH S/W SUBCONTRACTOR	DEV	SUB	WRK
31	207	REFINE DESIGN OF E/M CONTROLLER SOFTWARE WITH SUBCONTRACTOR	DEV	SUB	WRK
32	208	RELEASE REFINED SPEC'S FOR E/M CONTROLLER TO S/W SUBCONTRACTOR	DEV	SUB	WRK
33	231	RELEASE FINAL TOUCH SCREEN LAYOUT TO SUBCONTRACTOR	DEV	SUB	WRK
34	198	DEVELOPS INITIAL CODE RELEASE, SOFTWARE SUBCONTRACTOR	DEV	SUB	WRK
35	197	RECEIVE INITIAL CODE RELEASE FROM SOFTWARE SUBCONTRACTOR	DEV	SUB	WRK
36	200	UNIT TEST INITIAL CODE RELEASE FROM SOFTWARE SUBCONTRACTOR	DEV	SUB	WRK
37	205	PROVIDE FEEDBACK FROM INITIAL UNIT TEST TO S/W SUBCONTRACTOR	DEV	SUB	WRK
38	204	DEVELOP FINAL CODE, SOFTWARE SUBCONTRACTOR	DEV	SUB	WRK
39	203	UNIT TEST FINAL CODE RELEASE FROM SOFTWARE SUBCONTRACTOR	DEV	SUB	WRK
40	206	ACCEPT SOFTWARE SUBCONTRACTOR'S FINAL CODE RELEASE	DEV	SUB	WRK
41	173	PRODUCT DESIGN/DEVELOPMENT COMPLETE MILESTONE	DEV	ZZZ	
42	216	Feasibility Evaluation	FEA	EVA	
43	217	CONSTRUCT A "QUICK AND CHEAP" FEASIBILITY PROTOTYPE	FEA	EVA	
44	218	DEMO. FEASIBILITY PROTO. TO MANAGEMENT AND MARKETING	FEA	EVA	
45	234	MARKETING & MGT., MAKE A GO/NO GO DECISION BASED ON FEASIBILITY DEMO	FEA	EVA	
46	219	TEST ELECTRO/MECHANICAL CONTROLLER HARDWARE FEASIBILITY USING PROTOTYPE	FEA	EVA	
47	220	TEST ELECTRO/MECHANICAL CONTROLLER SOFTWARE FEASIBILITY USING PROTOTYPE	FEA	EVA	
48	221	TEST USER SCREEN INTERFACE FEASIBILITY, WITH SALES & MARKETING USING PROTO.	FEA	EVA	
49	222	CONDUCT PATENT SEARCH FOR FEATURE SET	FEA	EVA	
50	223	DOCUMENT FEASIBILITY FINDINGS	FEA	EVA	
51	224	EVALUATE FEASIBILITY FOR MANUFACTURE	FEA	EVA	
52	225	FEASIBILITY EVALUATION COMPLETE MILESTONE	FEA	ZZZ	
53	40	Marketing/Product Launch	MKT		
54	247	Marketing Publications	MKT	PUB	
55	167	CREATE MARKETING PLAN	MKT	PUB	

56	164	WRITE MARKETING TEXT FOR ADVERTISING	MKT	PUB	
57	162	WRITE Q/A- POSITIONING	MKT	PUB	
58	160	DESIGN MARKETING COLLATERAL GRAPHICS	MKT	PUB	
59	159	PRODUCE AND SHIP INDUSTRY PUBLICATIONS PRESS KITS	MKT	PUB	
60	158	PRODUCE MARKETING COLLATERAL	MKT	PUB	
61	226	DESIGN RETAIL SALES LITERATURE KITS	MKT	PUB	
62	157	PRODUCE AND SHIP RETAIL SALES LITERATURE KITS	MKT	PUB	
63	248	<b>Marketing Industry Relations</b>	MKT	IND	
64	169	OBTAIN MARKETING FEEDBACK FROM BETA TEST CLIENTS	MKT	IND	
65	163	INVITE INDUSTRY PUBLICATIONS REPS. TO LAUNCH BRIEFING	MKT	IND	
66	242	LEAD TIME FOR REP'S TO RESPOND TO LAUNCH INVITE. REMEMBER TO CALL THEM!	MKT	IND	
67	161	CONDUCT INDUSTRY PUBLICATIONS, LAUNCH BRIEFING	MKT	IND	
68	42	OBTAIN INDUSTRY ENDORSEMENTS	MKT	IND	
69	43	CREATE INDUSTRY PUBLICATIONS PRESS KITS	MKT	IND	
70	51	CONDUCT V.I.P. CUSTOMER VISITS	MKT	IND	
71	214	MARKETING/LAUNCH COMPLETE MILESTONE	MKT	ZZZ	
72	47	<b>Customer, Sales and Support Training</b>	TRN		
73	211	CREATE TRAINING COURSE AND MAT'LS FOR TECH. SUPPORT	TRN		
74	210	CREATE TRAINING COURSE AND MAT'LS FOR CUSTOMERS	TRN		
75	212	CREATE TRAINING COURSE AND MAT'LS FOR SALES TEAM	TRN		
76	171	TRAIN THE SALES TEAM	TRN		
77	49	TRAIN INTERNAL TECH. SUPPORT	TRN		
78	50	PREPARE FACILITY FOR CUSTOMER TRAINING	TRN		
79	45	TRAINING COMPLETE MILESTONE	TRN	ZZZ	
80	21	<b>Product Testing</b>	TST		
81	22	CONDUCT ALPHA HARDWARE TEST	TST	ALF	
82	155	MODIFY PHYSICAL LAYOUT OF EXISTING IN HOUSE TEST ORGAN FOR PRODUCT TESTING	TST	ALF	
83	24	REPAIR SOFTWARE ALPHA TESTING PROBLEMS (BUGS)	TST	ALF	


