

ID	WBS	Task Name	Duration	Start	Finish
1	1	The Silencer	707.13 days?	Tue 1/15/08	Thu 9/30/10
2	1.1	Phase 0	102.63 days?	Tue 1/15/08	Thu 6/5/08
212	1.2	Summer Research	65 days	Thu 6/5/08	Thu 9/4/08
213	1.3	Phase 1	94 days	Thu 9/4/08	Wed 1/14/09
214	1.3.1	Team Development	6.5 days	Thu 9/4/08	Mon 9/15/08
215	1.3.1.1	Identify New Team Members	6 days	Thu 9/4/08	Fri 9/12/08
216	1.3.1.2	Reassign Responsibilities as Needed	0.5 days	Fri 9/12/08	Mon 9/15/08
217	1.3.1.3	Get New Members to Sign Project Charter	0.5 days	Fri 9/12/08	Mon 9/15/08
218	1.3.2	Phase 0 Outcome Review	2 days	Thu 9/4/08	Mon 9/8/08
219	1.3.2.1	Update Project from Approval Presentation Phase 0	2 days	Thu 9/4/08	Mon 9/8/08
220	1.3.3	Documentations	92 days	Mon 9/8/08	Wed 1/14/09
221	1.3.3.1	Product Description Paper (Writing - Lab I)	21 days	Mon 9/8/08	Tue 10/7/08
222	1.3.3.2	Development Environment Requirements for Prototype (Writing - Lab II)	7 days	Tue 10/7/08	Thu 10/16/08
223	1.3.3.3	Prototype Product Specification (Writing - Lab II)	14 days	Tue 10/7/08	Mon 10/27/08
224	1.3.3.4	Prototype Test Plan/Procedures (Writing - Lab III)	21 days	Mon 10/27/08	Tue 11/25/08
225	1.3.3.5	Product/Prototype User's Manuals (Writing - Lab IV)	14 days	Tue 11/25/08	Mon 12/15/08
226	1.3.3.6	SBIR II Grant Proposal (Writing - Lab V)	22 days	Mon 12/15/08	Wed 1/14/09
227	1.3.3.6.1	Create SBIR Grant Proposal	21 days	Mon 12/15/08	Tue 1/13/09
228	1.3.3.6.2	SBIR Phase 2 Approval	1 day	Tue 1/13/09	Wed 1/14/09
229	1.3.4	Prototype Development	78.38 days	Mon 9/8/08	Thu 12/25/08
230	1.3.4.1	Prototype Planning	6 days	Mon 9/8/08	Tue 9/16/08
231	1.3.4.1.1	Define Approach	1.5 days	Mon 9/8/08	Wed 9/10/08
232	1.3.4.1.1.1	Define Group Meeting Times	0.14 days	Mon 9/8/08	Mon 9/8/08
233	1.3.4.1.1.2	Determine Communication Methods	0.5 days	Tue 9/9/08	Wed 9/10/08
234	1.3.4.1.2	Determine Development Platform	6 days	Mon 9/8/08	Tue 9/16/08
235	1.3.4.2	Prototype Requirements	5.67 days	Tue 9/16/08	Wed 9/24/08
236	1.3.4.2.1	Define Functional Level Requirements	5.67 days	Tue 9/16/08	Wed 9/24/08
237	1.3.4.2.1.1	Define Functional Level Requirements	0.67 days	Tue 9/16/08	Wed 9/17/08
238	1.3.4.2.1.2	Functional Requirements Document	5 days	Wed 9/17/08	Wed 9/24/08
239	1.3.4.2.2	Car - LEGO Mindstorm	1 day	Tue 9/16/08	Wed 9/17/08
240	1.3.4.2.2.1	Define Car's Prototype Hardware Requirements	1 day	Tue 9/16/08	Wed 9/17/08
241	1.3.4.2.2.2	Define Car's Software Requirements	1 day	Tue 9/16/08	Wed 9/17/08
242	1.3.4.2.3	The Silencer	1 day	Tue 9/16/08	Wed 9/17/08
243	1.3.4.2.3.1	Define The Silencer's Prototype Hardware Requirements	1 day	Tue 9/16/08	Wed 9/17/08
244	1.3.4.2.3.2	Define The Silencer's Software Requirements	1 day	Tue 9/16/08	Wed 9/17/08
245	1.3.4.2.3.2.1	Define Interface Requirements	1 day	Tue 9/16/08	Wed 9/17/08
246	1.3.4.2.3.2.2	Define Features to be implemented	1 day	Tue 9/16/08	Wed 9/17/08
247	1.3.4.2.4	Cell phone	1 day	Tue 9/16/08	Wed 9/17/08
248	1.3.4.2.4.1	Determine the cell phone's brand to be used	1 day	Tue 9/16/08	Wed 9/17/08

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249	1.3.4.2.4.2	Define Software Requirements	1 day	Tue 9/16/08	Wed 9/17/08
250	1.3.4.2.4.2.1	Define Interface Requirements	1 day	Tue 9/16/08	Wed 9/17/08
251	1.3.4.2.4.2.2	Define Features to be implemented	1 day	Tue 9/16/08	Wed 9/17/08
252	1.3.4.2.5	Create Requirements Doc	1 day	Tue 9/16/08	Wed 9/17/08
253	1.3.4.2.5.1	Hardware	1 day	Tue 9/16/08	Wed 9/17/08
254	1.3.4.2.5.1.1	Car	1 day	Tue 9/16/08	Wed 9/17/08
255	1.3.4.2.5.1.2	The Silencer	1 day	Tue 9/16/08	Wed 9/17/08
256	1.3.4.2.5.2	Software	1 day	Tue 9/16/08	Wed 9/17/08
257	1.3.4.2.5.2.1	Car	1 day	Tue 9/16/08	Wed 9/17/08
258	1.3.4.2.5.2.2	The Silencer	1 day	Tue 9/16/08	Wed 9/17/08
259	1.3.4.2.5.2.3	Cell phone	1 day	Tue 9/16/08	Wed 9/17/08
260	1.3.4.3	Hardware Procurement	10 days	Wed 9/24/08	Wed 10/8/08
261	1.3.4.4	Software Development	30 days	Wed 10/8/08	Wed 11/19/08
262	1.3.4.4.1	Software Design	10 days	Wed 10/8/08	Wed 10/22/08
263	1.3.4.4.1.1	Car	8 days	Wed 10/8/08	Mon 10/20/08
264	1.3.4.4.1.1.1	Design Signal-Sending Algorithm	8 days	Wed 10/8/08	Mon 10/20/08
265	1.3.4.4.1.2	The Silencer	10 days	Wed 10/8/08	Wed 10/22/08
266	1.3.4.4.1.2.1	Design Gui Interface	10 days	Wed 10/8/08	Wed 10/22/08
267	1.3.4.4.1.2.2	Design Signal-Sending Algorithm	10 days	Wed 10/8/08	Wed 10/22/08
268	1.3.4.4.1.3	Cell phone	10 days	Wed 10/8/08	Wed 10/22/08
269	1.3.4.4.1.3.1	Design Gui Interface	10 days	Wed 10/8/08	Wed 10/22/08
270	1.3.4.4.1.3.2	Design Signal-Handling Algorithm	10 days	Wed 10/8/08	Wed 10/22/08
271	1.3.4.4.1.3.3	Design Call-Blocking Algorithm	10 days	Wed 10/8/08	Wed 10/22/08
272	1.3.4.4.1.3.4	Specify exception numbers	10 days	Wed 10/8/08	Wed 10/22/08
273	1.3.4.4.2	Software Development	10 days	Wed 10/22/08	Wed 11/5/08
274	1.3.4.4.2.1	Car	8 days	Wed 10/22/08	Mon 11/3/08
275	1.3.4.4.2.1.1	Develop Signal-Sending Algorithm	8 days	Wed 10/22/08	Mon 11/3/08
276	1.3.4.4.2.2	The Silencer	10 days	Wed 10/22/08	Wed 11/5/08
277	1.3.4.4.2.2.1	Develop Gui Interface	10 days	Wed 10/22/08	Wed 11/5/08
278	1.3.4.4.2.2.2	Develop Signal-Sending Algorithm	10 days	Wed 10/22/08	Wed 11/5/08
279	1.3.4.4.2.3	Cell phone	10 days	Wed 10/22/08	Wed 11/5/08
280	1.3.4.4.2.3.1	Develop Gui Interface	10 days	Wed 10/22/08	Wed 11/5/08
281	1.3.4.4.2.3.2	Develop Signal-Handling Algorithm	10 days	Wed 10/22/08	Wed 11/5/08
282	1.3.4.4.2.3.3	Develop Call-Blocking Algorithm	10 days	Wed 10/22/08	Wed 11/5/08
283	1.3.4.4.3	Software Testing	10 days	Wed 11/5/08	Wed 11/19/08
284	1.3.4.4.3.1	Car	8 days	Wed 11/5/08	Mon 11/17/08
285	1.3.4.4.3.1.1	Test Signal-Sending Algorithm	8 days	Wed 11/5/08	Mon 11/17/08
286	1.3.4.4.3.2	The Silencer	10 days	Wed 11/5/08	Wed 11/19/08
287	1.3.4.4.3.2.1	Test Gui Interface	10 days	Wed 11/5/08	Wed 11/19/08
288	1.3.4.4.3.2.2	Test Signal-Sending Algorithm	10 days	Wed 11/5/08	Wed 11/19/08
289	1.3.4.4.3.3	Cell phone	10 days	Wed 11/5/08	Wed 11/19/08
290	1.3.4.4.3.3.1	Test Gui Interface	10 days	Wed 11/5/08	Wed 11/19/08

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291	1.3.4.4.3.3.2	Test Signal-Handling Algorithm	10 days	Wed 11/5/08	Wed 11/19/08
292	1.3.4.4.3.3.3	Test Call-Blocking Algorithm	10 days	Wed 11/5/08	Wed 11/19/08
293	1.3.4.5	Prototype Implementation	4.89 days	Wed 11/19/08	Wed 11/26/08
294	1.3.4.5.1	Setup Prototype for Demo	3.26 days	Wed 11/19/08	Mon 11/24/08
295	1.3.4.5.2	Production Readiness Test	1.63 days	Mon 11/24/08	Wed 11/26/08
296	1.3.4.6	Prototype Demonstration	11 days	Thu 12/11/08	Thu 12/25/08
297	1.3.4.6.1	Prototype Presentation I	1 day	Thu 12/11/08	Thu 12/11/08
298	1.3.4.6.2	Final Prototype Demonstration	1 day	Thu 12/25/08	Thu 12/25/08
299	1.3.5	Project Web Page	24 days	Mon 11/3/08	Thu 12/4/08
300	1.3.5.1	Design Project Web Page	8 days	Mon 11/3/08	Wed 11/12/08
301	1.3.5.2	Develop Project Web Page	8 days	Thu 11/13/08	Mon 11/24/08
302	1.3.5.3	Test Project Web Page	8 days	Tue 11/25/08	Thu 12/4/08
303	1.4	Phase 2	154.5 days	Wed 1/14/09	Wed 8/19/09
405	1.5	Phase 3	291 days	Wed 8/19/09	Thu 9/30/10