

Task Name	Duration	Start	Finish
Project Definition and Objectives	16 days	Fri 1/10/2014	Fri 1/31/2014
First Meeting with Team 4	1 days	Mon 1/14/14	Tue 1/14/14
First Contact with GM Sponsor	1 days	Wed 1/15/14	Thu 1/15/14
Research dSPACE/Lin Operating System	3 day	Fri 1/15/14	Fri 1/17/14
Meet with GM Sponsors via Teleconference	7 days	Mon 1/20/14	Tue 1/28/14
Acquire multiple licenses	7 days	Mon 1/20/14	Tue 1/28/14
Review meeting notes to discuss with facilitator	2 days	Tue 1/21/14	Wed 1/22/14
First Meeting with Facilitator	8 days	Wed 1/22/14	Fri 1/31/14
Start Pre-Proposal and Gantt Chart	7 days	Thu 1/23/14	Fri 1/31/14
Divide sections to equalize writing load	7 days	Thu 1/23/14	Fri 1/31/14
Research on past projects that are similar	5 days	Thu 1/23/14	Wed 1/29/14
Find out if any like systems are available	5 days	Thu 1/23/14	Wed 1/29/14
Preliminary research on LIN/dSPACE found	5 days	Thu 1/23/14	Wed 1/29/14
Overview of the problem	5 days	Thu 1/23/14	Wed 1/29/14
Executive Summary	5 days	Thu 1/23/14	Wed 1/29/14
Risk Analysis/Objective and Design Specs	5 days	Thu 1/23/14	Wed 1/29/14
Conceptual Design Development	5 days	Thu 1/23/14	Wed 1/29/14
Start web page design with GM logo	5 days	Thu 1/23/14	Wed 1/29/14
Find out how to display for Design Day	5 days	Thu 1/23/14	Wed 1/29/14
Second meeting with GM and deliverables	5 days	Tue 1/28/14	Sat 2/1/14
Start creating a logic flow/diagram for LIN driver	4 days	Tue 1/28/14	Fri 1/31/14
Determine systems input/output parameters	4 days	Tue 1/28/14	Fri 1/31/14
Second meeting with Facilitator	1 day	Wed 1/29/14	Wed 1/29/14
Pre-proposal Due	0 days	Mon 2/3/14	Mon 2/3/14
Acquire Material to Begin Design	5 days	Mon 2/3/14	Fri 2/7/14
Pre-trial software/understanding/learnings	5 days	Mon 2/3/14	Fri 2/7/14

Pre-trial actuators/understanding/learnings	5 days	Mon 2/3/14	Fri 2/7/14
Begin Programming/Virtual Design	9 days	Mon 2/10/14	Thu 2/20/14
Program Simulink to dSPACE	2 days	Mon 2/10/14	Wed 2/12/14
Utilize LIN to actuators and sensor	9 days	Mon 2/10/14	Thu 2/20/14
Connect entire system	9 days	Mon 2/10/14	Thu 2/20/14
Begin testing parameters of virtual design	9 days	Mon 2/10/14	Thu 2/20/14
Begin Building Prototype for Display	20 days	Mon 3/1/4	Thu 3/20/14
Brainstorm Ideas	20 days	Mon 3/1/4	Thu 3/20/14
Start prototyping	20 days	Mon 3/1/4	Thu 3/20/14
Testing prototypes	20 days	Mon 3/1/4	Thu 3/20/14
Determine test edge cases	20 days	Mon 3/1/4	Thu 3/20/14
Collaborate on errors for final design	28 days	Mon 3/1/4	Thu 3/28/14
Final display prototype design	15 days	Tue 4/1/14	Tue 4/15/14
Repair/Finalize Design Specs	15 days	Tue 4/1/14	Tue 4/15/14
Due Dates	86 days	Fri 1/10/14	Tue 4/15/14
Proposal Presentation	1 day	Fri 2/14/14	Fri 2/14/14
Final Proposal Due	1 day	Mon 2/21/14	Mon 2/21/14
Site Visit to GM for Testing	1 day	Mon 2/24/14	Mon 2/24/14
Team Technical Lectures	1 day	Mon 3/24/14	Mon 3/24/14
Design Issues Paper	1 day	Fri 4/11/14	Fri 4/11/14
Professional Self-Assessment Paper	4 days	Wed 4/16/14	Wed 4/16/14
Final Report Due	1 day	Wed 4/23/14	Wed 4/23/14
Design Day	1 day	Fri 4/25/14	Fri 4/25/14