



Task	Start date	Due date	Duration
Specifications Document (Zach & Casey)	12/1/2015	12/15/2015	14
Proposal (Zach & Casey)	12/1/2015	12/15/2015	14
Select specific components to use (Team)	12/15/2015	1/25/2016	41
Preliminary Design Review Slides (Zach & Casey)	1/1/2016	1/25/2016	24
Procure components (Zach & Casey)	1/1/2016	1/25/2016	24
Preliminary Design Review (Team)	1/27/2016	1/28/2016	1
Configure serial communications PC / microcontroller (Zach & Justin)	1/15/2016	2/8/2016	24
Write software to ingest and process image (Casey)	1/25/2016	2/8/2016	14
Test components individually (Team)	1/15/2016	2/10/2016	26
Configure communications from microcontroller to motor driver (Zach)	2/9/2016	2/20/2016	11
Find method to convert image to G-Codes (Justin & Casey)	2/9/2016	2/20/2016	11
Design mechanical system (Tate)	1/20/2016	2/29/2016	40
Impliment parser for g-code files (Justin)	2/20/2016	3/15/2016	24
Write software GUI and interface (Casey)	2/21/2016	3/15/2016	23
CDR Slides (Zach & Casey)	3/1/2016	3/15/2016	14
Procure mechanical system components (Tate & Casey)	3/4/2016	3/15/2016	11
Design and impliment feedback system (Tate, Zach, Casey)	3/5/2016	3/15/2016	10
Critical Design Review (Team)	3/15/2016	3/16/2016	1
Mathematically Model System (Tate, Zach, Casey)	2/20/2016	3/25/2016	34
Impliment and calibrate laser control system (Zach)	2/21/2016	3/25/2016	33
Integrate G-Code interpreter into microcontroller (Justin)	3/15/2016	3/25/2016	10
Machine Parts (Tate)	3/15/2016	3/31/2016	16
Assemble system (Team)	4/1/2016	4/8/2016	7
Testing and Verification (Team)	4/8/2016	4/29/2016	21
Write User's Manual (Zach & Casey)	4/1/2016	4/29/2016	28
Write Final Report (Zach & Casey)	4/1/2016	4/29/2016	28
Design poster (Zach & Casey)	4/15/2016	4/29/2016	14