

# DPM Gantt Chart

30-Oct-2017

<http://>

Project manager

Project dates

15-Oct-2017 - 1-Dec-2017

Completion

33%

Tasks

58

Resources

6

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This is the DPM Final Project Gantt Chart for Team 06.

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## Tasks

Name	Begin date	End date	Duration
Project Kick off	15/10/17	15/10/17	1
Initial versions of 4 main docs	16/10/17	16/10/17	1
Preliminary design ideas	16/10/17	16/10/17	1
Mechanical Design Proposal	17/10/17	21/10/17	5
Mechanical Component Design	17/10/17	17/10/17	1
Mechanical Component Integration	18/10/17	18/10/17	1
Mechanical Testing and Adjustments	19/10/17	21/10/17	3
Documentation, budget updates	17/10/17	17/10/17	1
HW Design Document	17/10/17	17/10/17	1
SW Design Document	17/10/17	17/10/17	1
Testing Document	17/10/17	17/10/17	1
Adjust Budget and GANTT Chart	17/10/17	17/10/17	1
Second Design Meeting	24/10/17	24/10/17	0
Choose Mechanical Design	24/10/17	24/10/17	1
Construct physical model and/or LDD	25/10/17	26/10/17	2
Software class hierarchy	24/10/17	26/10/17	3
Preliminary API docs	27/10/17	28/10/17	2
Third Design Meeting	31/10/17	31/10/17	0
Complete Mechanical Design	31/10/17	02/11/17	3
Final Mechanical Design	03/11/17	03/11/17	0
Complete testing of mechanical design	03/11/17	04/11/17	2
Completion of software for beta demo	02/11/17	03/11/17	2
Initial test of mech and soft for beta	05/11/17	06/11/17	2
Software development phase 1	29/10/17	01/11/17	4

## Tasks

Name	Begin date	End date	Duration
Update State Machines	29/10/17	30/10/17	2
Improve Reliability of Zipline System	31/10/17	01/11/17	2
Implement Searching System	31/10/17	01/11/17	2
Testing Plan development	31/10/17	02/11/17	3
Beta demo preparation	03/11/17	03/11/17	1
Software Architecture	17/10/17	23/10/17	7
Design Main System State Machine	17/10/17	18/10/17	2
Design Subsystem State Machines	19/10/17	21/10/17	3
Resolve Dependencies	22/10/17	23/10/17	2
Outline Individual Class Functionality	22/10/17	23/10/17	2
First Design Meeting	17/10/17	17/10/17	0
Full testing for beta demo	07/11/17	09/11/17	3
Beta Demo Milestone	14/11/17	14/11/17	0
revisions and testing from beta	14/11/17	19/11/17	6
Make Any Necessary Improvements	14/11/17	16/11/17	3
Test Improvements	17/11/17	18/11/17	2
Update SW Documentation	17/11/17	18/11/17	2
Update Testing Documentation	19/11/17	19/11/17	1
Development of Checklist	14/11/17	15/11/17	2
Phase 1 integration testing	14/11/17	14/11/17	1
Fourth Design Meeting	07/11/17	07/11/17	0
Phase 1 poster design	14/11/17	16/11/17	3

## Tasks

4

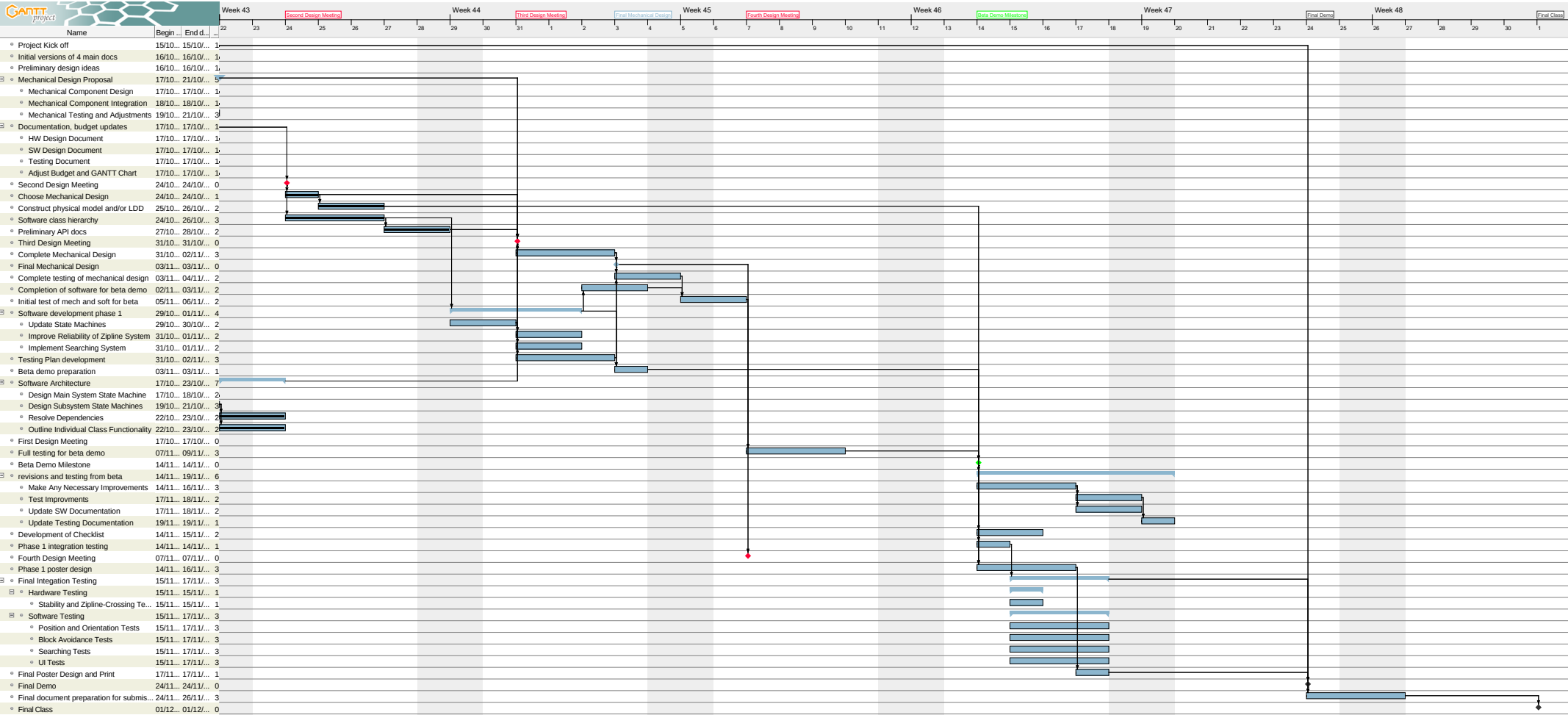
Name	Begin date	End date	Dur atio n
Final Integration Testing	15/11/17	17/11/17	3
Hardware Testing	15/11/17	15/11/17	1
Stability and Zipline-Crossing Tests	15/11/17	15/11/17	1
Software Testing	15/11/17	17/11/17	3
Position and Orientation Tests	15/11/17	17/11/17	3
Block Avoidance Tests	15/11/17	17/11/17	3
Searching Tests	15/11/17	17/11/17	3
UI Tests	15/11/17	17/11/17	3
Final Poster Design and Print	17/11/17	17/11/17	1
Final Demo	24/11/17	24/11/17	0
Final document preparation for submission	24/11/17	26/11/17	3
Final Class	01/12/17	01/12/17	0

Resources

Name	Default role
Alex Hale	Documentation Manager
Justin Tremblay	Software Lead Designer
Frederic Cyr	Hardware Lead Designer
Xu Hai	Testing Manager
Xianyi Zhan	Team Member (Hardware)
Josh Inscoe	Team Manager

# DPM Gantt Chart

## Gantt Chart



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## Resources Chart

