NEWNEW

6-Nov-2018

http://

Project manager	Max Brodeur-Urbas
Project dates	12-Oct-2018 - 29-Nov-2018
Completion	61%
Tasks	51
Resources	6

Tasks

Name	Begin date	End date	ID
Set up communication system	12/10/18	12/10/18	0
First team meet and brainstorm	13/10/18	13/10/18	6
Initial Versions of 4 Main Docs	14/10/18	16/10/18	30
Implementation of Lab5 SW and HW	14/10/18	19/10/18	34
Idea Evaluation	20/10/18	20/10/18	7
Preliminary Gantt Chart Development	14/10/18	15/10/18	8
Adjust Budget and GANNTT Chart	21/10/18	21/10/18	39
Preliminary Mechanical Sketches	21/10/18	21/10/18	9
Rough Draft of Software Logic/Architecture	21/10/18	21/10/18	45
Review/Correction of 4 Main Docs	22/10/18	22/10/18	17
Organize Presentation and Presentable Documents	23/10/18	23/10/18	40
First Design Meeting	24/10/18	24/10/18	10
Organization of responsibility and structure of HW, SW and TS docs	25/10/18	25/10/18	56
Hardware Design Document	26/10/18	27/10/18	58
Software Design Document	26/10/18	27/10/18	59
Software Flow-Chart, Class hierchy description	28/10/18	28/10/18	70
Testing Document	26/10/18	27/10/18	60
Choose Hardware Design	28/10/18	28/10/18	69
Finalization of Documents/Presentation	29/10/18	29/10/18	76
Tabulation of worked hours and description	30/10/18	30/10/18	213
Second Design Meeting	31/10/18	31/10/18	11
Construct Physical Model and/or LDD	01/11/18	02/11/18	82
Create Preliminary API Docs	01/11/18	02/11/18	84
Testing of essential sensors (US, light detection and light localization)	01/11/18	01/11/18	254
Document status of Code developement	03/11/18	03/11/18	91
Review budget and update spreadsheet	04/11/18	04/11/18	87

Tasks

Name	Begin date	End date	ID
Update Testing Document and GANTT Chart	05/11/18	05/11/18	92
Update hardware document	03/11/18	03/11/18	261
Review completness of documentation	05/11/18	06/11/18	86
Third Design Meeting	07/11/18	07/11/18	80
Completion of Wifi sever implementation	08/11/18	08/11/18	99
Completion of software for beta test demo	08/11/18	09/11/18	96
Completion of Mechanical design testing	10/11/18	10/11/18	95
Final Beta Demo Testing/Document Preparation	11/11/18	12/11/18	97
GANTT Chart update	11/11/18	11/11/18	104
Update and Review Budget	13/11/18	13/11/18	114
Fourth Design Meeting	14/11/18	14/11/18	93
Conclude and review beta demo performance	15/11/18	15/11/18	117
Implementation of SW/HW beta test improvments	16/11/18	17/11/18	121
Phase 1 integration testing	18/11/18	18/11/18	120
Update Documents (Testing especially)	19/11/18	19/11/18	118
Preparation for presentation demo	19/11/18	19/11/18	119
Review potential demo sources of error and debug	20/11/18	20/11/18	188
Fifth Design Meeting	21/11/18	21/11/18	182
Finalize source Code	22/11/18	23/11/18	198
Completion of Software document	24/11/18	24/11/18	196

Tasks

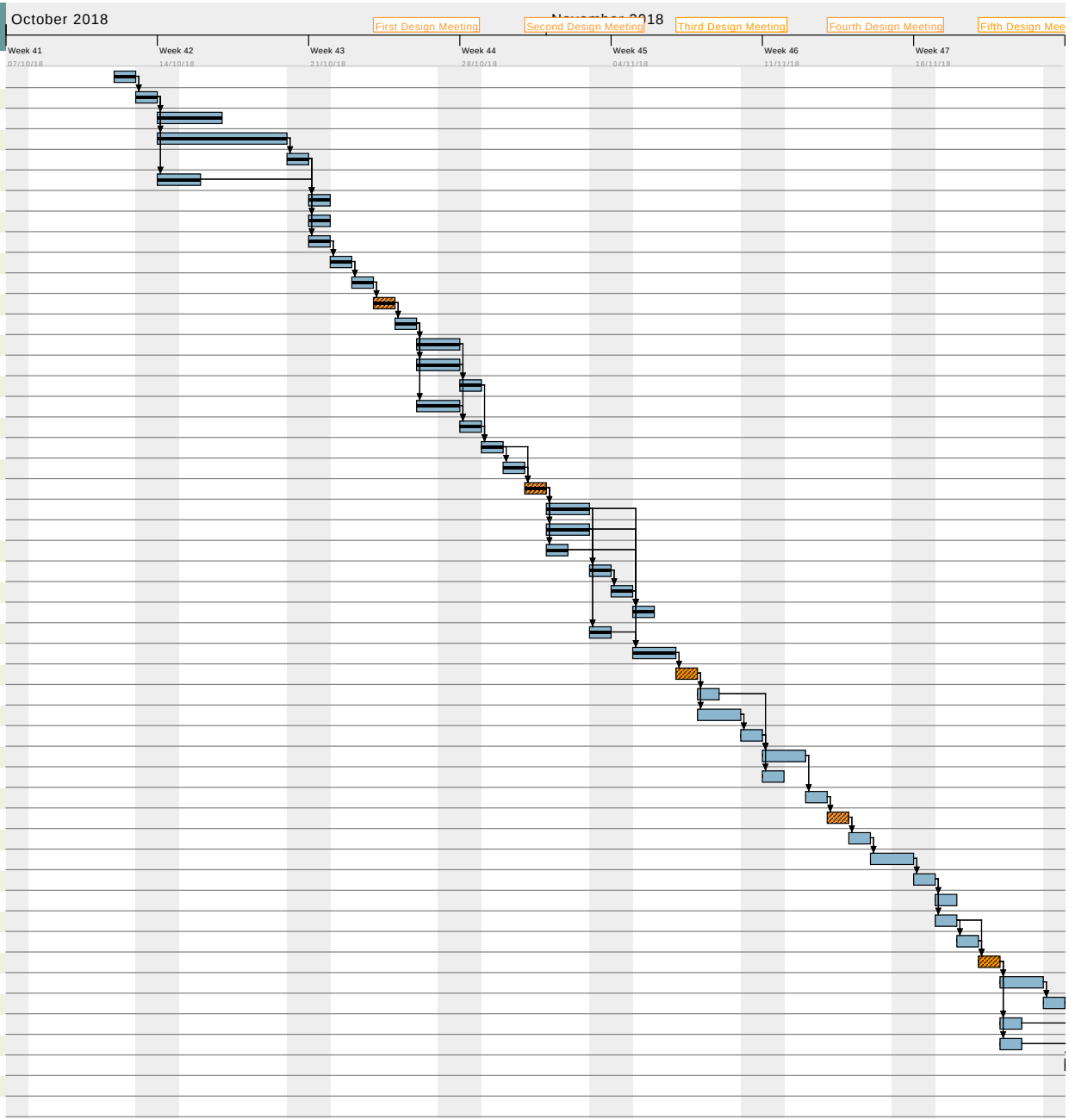
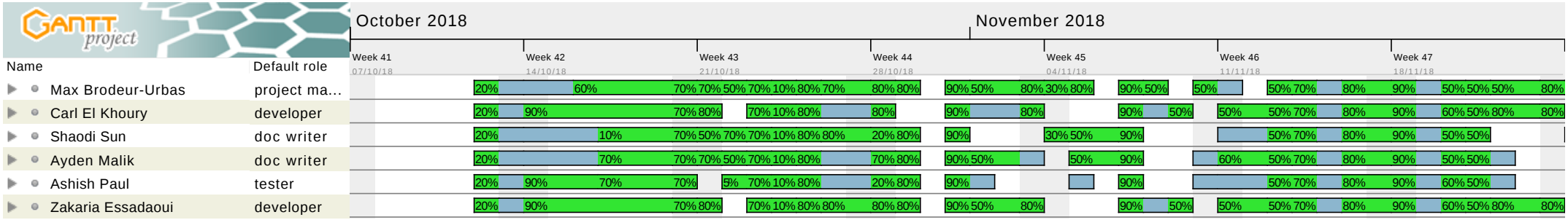
Name	Begin date	End date	ID
Completion of Hardware document	22/11/18	22/11/18	194
Completion of Testing document	22/11/18	22/11/18	195
Budget summary of work up to date	25/11/18	26/11/18	192
Organize all files for submission	27/11/18	27/11/18	199
Sixth Design Meeting	28/11/18	28/11/18	207

Resources

Name	Default role
Max Brodeur-Urbas	project manager
Carl El Khoury	developer
Shaodi Sun	doc writer
Ayden Malik	doc writer
Ashish Paul	tester
Zakaria Essadaoui	developer

Gantt Chart

Name	Begin date	End date	ID
Set up communication system	12/10/18	12/10/18	0
First team meet and brainstorm	13/10/18	13/10/18	6
Initial Versions of 4 Main Docs	14/10/18	16/10/18	...
Implementation of Lab5 SW and...	14/10/18	19/10/18	...
Idea Evaluation	20/10/18	20/10/18	7
Preliminary Gantt Chart Develo...	14/10/18	15/10/18	8
Adjust Budget and GANNTT Ch...	21/10/18	21/10/18	...
Preliminary Mechanical Sketches	21/10/18	21/10/18	9
Rough Draft of Software Logic/A..	21/10/18	21/10/18	...
Review/Correction of 4 Main Docs	22/10/18	22/10/18	...
Organize Presentation and Pres...	23/10/18	23/10/18	...
First Design Meeting	24/10/18	24/10/18	...
Organization of responsibility a...	25/10/18	25/10/18	...
Hardware Design Document	26/10/18	27/10/18	...
Software Design Document	26/10/18	27/10/18	...
Software Flow-Chart, Class hier...	28/10/18	28/10/18	...
Testing Document	26/10/18	27/10/18	...
Choose Hardware Design	28/10/18	28/10/18	...
Finalization of Documents/Pres...	29/10/18	29/10/18	...
Tabulation of worked hours an...	30/10/18	30/10/18	...
Second Design Meeting	31/10/18	31/10/18	...
Construct Physical Model and/o...	01/11/18	02/11/18	...
Create Preliminary API Docs	01/11/18	02/11/18	...
Testing of essential sensors (US...	01/11/18	01/11/18	...
Document status of Code devel...	03/11/18	03/11/18	...
Review budget and update spr...	04/11/18	04/11/18	...
Update Testing Document and ...	05/11/18	05/11/18	...
Update hardware document	03/11/18	03/11/18	...
Review completness of docume...	05/11/18	06/11/18	...
Third Design Meeting	07/11/18	07/11/18	...
Completion of Wifi sever imple...	08/11/18	08/11/18	...
Completion of software for beta...	08/11/18	09/11/18	...
Completion of Mechanical desig...	10/11/18	10/11/18	...
Final Beta Demo Testing/Docu...	11/11/18	12/11/18	...
GANTT Chart update	11/11/18	11/11/18	...
Update and Review Budget	13/11/18	13/11/18	...
Fourth Design Meeting	14/11/18	14/11/18	...
Conclude and review beta dem...	15/11/18	15/11/18	...
Implementation of SW/HW beta ...	16/11/18	17/11/18	...
Phase 1 integration testing	18/11/18	18/11/18	...
Update Documents (Testing es...	19/11/18	19/11/18	...
Preparation for presentation de...	19/11/18	19/11/18	...
Review potential demo sources ...	20/11/18	20/11/18	...
Fifth Design Meeting	21/11/18	21/11/18	...
Finalize source Code	22/11/18	23/11/18	...
Completion of Software documen	24/11/18	24/11/18	...
Completion of Hardware docum...	22/11/18	22/11/18	...
Completion of Testing document	22/11/18	22/11/18	...
Budget summary of work up to ...	25/11/18	26/11/18	...
Organize all files for submission	27/11/18	27/11/18	...
Sixth Design Meeting	28/11/18	28/11/18	...



Resources Chart