NEWNEW 13-Nov-2018

http://

Project manager Max Brodeur-Urbas

Project dates 12-Oct-2018 - 29-Nov-2018

Completion75%Tasks54Resources6

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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	21 3
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	25 4
Document status of Code developement	03/11/18	03/11/18	91
Review budget and update spreadsheet	04/11/18	04/11/18	87

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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	26
Review completness of documentation	05/11/18	06/11/18	1 86
Third Design Meeting	07/11/18	07/11/18	80
Completion of Wifi sever implementation	08/11/18	08/11/18	99
Modify robot based off feedback and testing	08/11/18	09/11/18	26 4
Update Hardware Document	10/11/18	10/11/18	26 8
Completion of software for beta test demo	08/11/18	10/11/18	96
Completion of Mechanical design testing	11/11/18	11/11/18	95
Final Beta Demo Testing/Document Preparation	12/11/18	12/11/18	97
Update Testing Document	13/11/18	13/11/18	27 0
GANTT Chart update	12/11/18	12/11/18	10 4
Update and Review Budget	13/11/18	13/11/18	11 4
Beta Demo	14/11/18	14/11/18	93
Conclude and review beta demo performance	15/11/18	15/11/18	11 7
Implementation of SW/HW beta test improvments	16/11/18	17/11/18	12 1
Phase 1 integration testing	18/11/18	18/11/18	12 0
Update Documents (Testing especially)	19/11/18	19/11/18	11 8
Preparation for presentation demo	19/11/18	19/11/18	11 9
Review potential demo sources of error and debug	20/11/18	20/11/18	18 8

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Tasks

Name Begin date		End date	ID_		
Fifth Design Meeting	21/11/18	21/11/18	18 2		
Finalize source Code	22/11/18	23/11/18	19 8		
Completion of Software document	24/11/18	24/11/18	19 6		
Completion of Hardware document	22/11/18	22/11/18	19 4		
Completion of Testing document	22/11/18	22/11/18	19 5		
Budget summary of work up to date	25/11/18	26/11/18	19 2		
Organize all files for submission	27/11/18	27/11/18	19 9		
Sixth Design Meeting	28/11/18	28/11/18	20 7		

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

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Gantt Chart

GANTT.	\Leftrightarrow			2018	First De	esign Meet	ting e Third	l Desid Beta	Demo Fifth	Design Me	etinglig
project			Week	42 Wee	ek 43 V	Veek 44	Week 45	Week 46	Week 47	Week 48	Week
Name	Begin date	End date	ID.	/18 21/1	10/18 2	8/10/18	04/11/18	11/11/18	18/11/18	25/11/18	02/12
Set up communication system	12/10/18	12/10/18	0	}		_					_
First team meet and brainstorm		13/10/18	6	+		_					_
 Initial Versions of 4 Main Docs 	14/10/18	16/10/18				_					_
 Implementation of Lab5 SW and 		19/10/18		<u> </u>		_					_
Idea Evaluation	20/10/18	20/10/18	7	-		_					-
 Preliminary Gantt Chart Develo. 		15/10/18	8	-		_					_
Adjust Budget and GANNTT Ch.		21/10/18				_					_
Preliminary Mechanical Sketches		21/10/18	9	₹		_					-
Rough Draft of Software Logic/		21/10/18				_					_
Review/Correction of 4 Main Do		22/10/18			1	_					_
Organize Presentation and Pres		23/10/18		-	7	_					_
First Design Meeting	24/10/18	24/10/18				_					-
Organization of responsibility a		25/10/18				_					-
Hardware Design Document	26/10/18	27/10/18			- 2	_					_
Software Design Document	26/10/18	27/10/18			- 1						-
 Software Flow-Chart, Class hier 		28/10/18									-
 Testing Document 	26/10/18	27/10/18			<u>_</u>						
Choose Hardware Design	28/10/18	28/10/18				1					_
Finalization of Documents/Pres		29/10/18				7					_
Tabulation of worked hours an.		30/10/18				7					_
 Second Design Meeting 	31/10/18	31/10/18				-					_
Construct Physical Model and/o		02/11/18									_
Create Preliminary API Docs	01/11/18	02/11/18				- 5					_
 Testing of essential sensors (US 		01/11/18				-					_
 Document status of Code devel. 		03/11/18				- 1	<u> </u>				_
 Review budget and update spr 		04/11/18				-	4				_
 Update Testing Document and . 		05/11/18				<u> </u>					_
Update hardware document	03/11/18	03/11/18				_	<u>'</u>				_
Review completness of docume		06/11/18				_					_
Third Design Meeting	07/11/18	07/11/18				_					_
Completion of Wifi sever imple.		08/11/18				_					_
Modify robot based off feedbac.		09/11/18						Ł			-
Update Hardware Document	10/11/18	10/11/18				_					-
Completion of software for beta		10/11/18				_		<u> </u>			_
Completion of Mechanical design		11/11/18				_		-			-
Final Beta Demo Testing/Docu		12/11/18	•••			_					_
 Update Testing Document GANTT Chart update 	13/11/18	13/11/18				_		¥T -			
·	12/11/18 13/11/18	12/11/18				_		_			
Update and Review BudgetBeta Demo	13/11/18	13/11/18 14/11/18				_					_
Conclude and review beta dem.		14/11/18				_		2			
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Implementation of SW/HW beta	18/11/18	17/11/18				_			<u></u>		_
Phase 1 integration testing Undate Decuments (Testing as		18/11/18				_			_		-
 Update Documents (Testing es.) Preparation for presentation de. 		19/11/18 19/11/18		_					*		
		20/11/18									
Review potential demo sourcesFifth Design Meeting	21/11/18	21/11/18									
	22/11/18									h	
 Finalize source Code Completion of Software docume 		23/11/18 24/11/18								.	
Completion of Software docume Completion of Hardware docume		22/11/18							*		
Completion of Testing documer		22/11/18							*		
Budget summary of work up to		26/11/18								<u> </u>	
Organize all files for submission		27/11/18									
Sixth Design Meeting	28/11/18	28/11/18									
- Sixtii Desigii Meetilig	20/11/10	20/11/10									

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Resources Chart

