EE476C_LiPoCrew_IssueTracker_1

Dataforth - LiPo Crew

Project manager	Jace Jenkins
Project dates	Sep 21, 2020 - Mar 20, 2021
Completion	45%
Tasks	47
Resources	4

Jan 28, 2021

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Name	Begin date	End date						
Research: Lit Review	9/21/20	10/2/20						
Requirements	9/29/20	10/14/20						
Requirments Document	9/29/20	10/12/20						
Requirements Finished	10/12/20	10/12/20						
Architecture Draft#1	10/6/20	10/13/20						
Architecture Final Draft	10/14/20	10/14/20						
Design Analysis	10/15/20	11/27/20						
Lvel 2 architecture	10/15/20	11/13/20						
Prelimary Software/Coding	10/26/20	11/27/20						
Preliminary Circuit Design	10/26/20	11/27/20						
IND. Prototypes	10/30/20	11/9/20						
Full Desing layout	11/25/20	11/25/20						
Team Design presentation	11/2/20	11/13/20						
Winter Break	11/25/20	12/8/20						
Prototyping/Control Testing	12/8/20	2/23/21						
Proto Stage 1	12/8/20	1/8/21						
Circuit Design	12/8/20	12/25/20						
Software/Coding	12/8/20	12/25/20						
Integrated Solution	12/9/20	12/11/20						
Integrated Level 3 Architecture	12/9/20	12/11/20						
Circuit Analysis	12/9/20	12/11/20						
Discrete Solution	12/9/20	1/8/21						
Discrete Level 2 Architecure	12/9/20	12/9/20						
Discrete Level 3 Architecture	12/9/20	12/9/20						
Circuit Analysis	12/10/20	12/17/20						

Tasks

Name	Begin date	End date	
Circuit Simulation	12/18/20	1/1/21	
ORDER PARTS	1/4/21	1/8/21	
Christmas Break	12/25/20	12/28/20	
Proto Stage 2	1/11/21	2/23/21	
Software/Coding	1/11/21	2/23/21	
ADC	1/11/21	1/18/21	
Cell Balancing Alg	1/19/21	2/1/21	
Thermocouples	2/2/21	2/8/21	
Interrupts/Safety	2/9/21	2/12/21	
Battery Chemistry/User Interface	2/15/21	2/22/21	
Functional Software Prototype	2/24/21	2/24/21	
Final Circuit design & Sim	1/11/21	2/2/21	
Cell Balancing	1/11/21	1/18/21	
Cell Charging	1/19/21	1/26/21	
Battery Protection	1/18/21	1/25/21	
5v/3.3V/ADC Interface	1/26/21	2/2/21	
Vector Board/Physical Prototype	2/1/21	2/12/21	
PCB	2/15/21	2/19/21	
Functional prototype	2/22/21	2/22/21	
Documentation	1/1/21	3/19/21	
User Manual	2/22/21	3/19/21	
Website	1/1/21	3/19/21	

Resources

Name	Default role
Jonathan Ciulla	no specific role
Jace Jenkins	project manager
Mana Santiago	no specific role
Luis Camargo	no specific role

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Gantt Chart

GANTT project	$\not\models$		2020 2021 2021 2021 2021 2021 2021 2021
Name	Begin date	End date	Week 42 Week 43 Week 43 Week 46 Week 47 Week 46 Week 47 Week 48 Week 49 Week 48 Week 46 Week 51 Week 51 Week 52 Week 1 Week 22 Week 1 Week 26 Week 4 Week 54 Week 6 Week 76 Week 76 Week 70 Week 10 Week 11 Week 12 Week 13 Week 14 We
Research: Lit Review	9/21/20	10/2/20	
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Circuit Design	12/8/20	12/25/20	
 Software/Coding 	12/8/20	12/25/20	
Integrated Solution	12/9/20	12/11/20	
 Integrated Level 3 Archite 		12/11/20	
 Circuit Analysis 	12/9/20	12/11/20	
 Discrete Solution 	12/9/20	1/8/21	
Discrete Level 2 Architect	ure 12/9/20	12/9/20	B C C C C C C C C C C C C C C C C C C C
Discrete Level 3 Architect		12/9/20	
Circuit Analysis	12/10/20	12/17/20	
Circuit Simulation	12/18/20	1/1/21	
ORDER PARTS	1/4/21	1/8/21	
Christmas Break	12/25/20	12/28/20	
Proto Stage 2	1/11/21	2/23/21	
Software/Coding	1/11/21	2/23/21	
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 Cell Charging 	1/19/21	1/26/21	
 Battery Protection 	1/18/21	1/25/21	
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 Vector Board/Physical Protot 		2/12/21	
• PCB	2/15/21	2/19/21	
 Functional prototype 	2/22/21	2/22/21	· · · · · · · · · · · · · · · · · · ·
 Documentation 	1/1/21	3/19/21	
 User Manual 	2/22/21	3/19/21	
Website	1/1/21	3/19/21	

Jan 28, 2021

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Name	Default role	Week 42	Week 43	Week 44	Week 45	Week 46	Week 47	Week 48	Week 49	Week 50	Week 51	Week 52	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	Week 13	Week 14
🗄 🍳 Jonathan Ciulla	no specific r	10/11/20	10/18/20	10/25/20	11/1/20	11/8/20	11/15/20	11/22/20	11/29/20	12/6/20	12/13/20	200%	200%	200%	1/10/21	1/1//21	1/24/21	1/31/21	2///21	2/14/21	2/21/21	2/28/21	3(1/2)	3/14/21	3/21/21	3/28/21
\pm 🔍 Jace Jenkins	project man										200%	200%	200%	200%												
🛨 🍳 Mana Santiago	no specific r													200%	200%	200%	200%				200%	200%	200%	200%		
🗄 🍳 Luis Camargo	no specific r																									