ThunderBuddy Nov 6, 2024

The ThunderBuddies

https://github.com/Hector-Cardenas/ECE411-Lightning-Detector

Project manager

Project dates Sep 30, 2024 - Dec 14, 2024

Completion0%Tasks25Resources0

Tasks

Name	Begin date	End date	
Team Forming	9/30/24	10/4/24	
Project Idea Generation	10/7/24	10/11/24	
Create a Product Design Specification	10/14/24	10/18/24	
Create a preliminary schematic	10/21/24	10/25/24	
Get test breadboard ready for demo	11/4/24	11/6/24	
Get schematic updated for Thursday's class	11/4/24	11/6/24	
Finalize PDS	11/7/24	11/7/24	
Create schedule for Thursday class	11/4/24	11/6/24	
Have IO definitions in main.c	11/4/24	11/7/24	
Create functions structure for peripherals	11/4/24	11/7/24	
Figure out power requirements	11/4/24	11/7/24	
How to power the circuit	11/8/24	11/13/24	
How to recharge the batteries	11/8/24	11/13/24	
Create Bill of Materials	11/11/24	11/14/24	
First system integration attempt	11/18/24	11/18/24	
System Debug	11/19/24	11/25/24	
Second system integration attempt	11/26/24	11/26/24	
System Debug 2	11/27/24	12/3/24	
Creata a Functional Decomposition	11/11/24	11/14/24	
Create a rough draft of CAD	11/11/24	11/14/24	
Finalize CAD	11/15/24	11/20/24	
Send board to FAB	11/21/24	11/21/24	
Create a test plan	12/2/24	12/5/24	
Final Testing	12/6/24	12/12/24	
Demo the project	12/13/24	12/13/24	

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Gantt Chart

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Resources Chart



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