411 ChargeGuard Pro+ Gantt Project

Project manager	Cody Reid, Cuauhtemoc Gomez Angeles, Daniel Anishchenko, Tyler Tran
Project dates	Oct 16, 2024 - Dec 13, 2024
Completion	32%
Tasks	27
Resources	4

Tasks

Name	Begin date	End date	Completion
Set up Github	10/16/24	10/16/24	100
Create PDS	10/21/24	10/22/24	100
Create Decision Matrix	10/23/24	10/23/24	100
Prelim Schematic	10/24/24	10/28/24	100
Revise PDS	10/31/24	10/31/24	100
Phase 1 Prototype	11/1/24	11/6/24	57
Create Prototype chassis	11/1/24	11/5/24	100
Updated Schematic	11/1/24	11/5/24	10
Basic Coding	11/1/24	11/6/24	40
Assemble BreadBoard	11/1/24	11/4/24	80
Phase 1 Documentation	11/4/24	11/6/24	70
Demo Prototype	11/7/24	11/7/24	0
Phase 2 Prototype	11/7/24	11/18/24	0
Draft BOM	11/7/24	11/11/24	0
Functional Decomp	11/8/24	11/12/24	0
Draft CAD	11/11/24	11/13/24	0
Revised Code	11/13/24	11/18/24	0
Phase 2 Documentation	11/11/24	11/13/24	0
Phase 3	11/19/24	11/22/24	0
Group Design Review	11/19/24	11/20/24	0
Finalize Cad Design	11/21/24	11/22/24	0
Phase 3 Documentation	11/19/24	11/20/24	0
Get PCB Fabricated	11/25/24	11/25/24	0
Final Assembly	11/25/24	11/25/24	0

Tasks

Name	Begin date	End date	Completion
Sign up For Demo	11/26/24	11/27/24	0
Test Plan	12/2/24	12/4/24	0
FINAL DEMO	12/13/24	12/13/24	0

Resources

Name
Cody Reid
Cuauhtemoc Gomez Angeles
Daniel Anishchenko
Tyler Tran

Gantt Chart

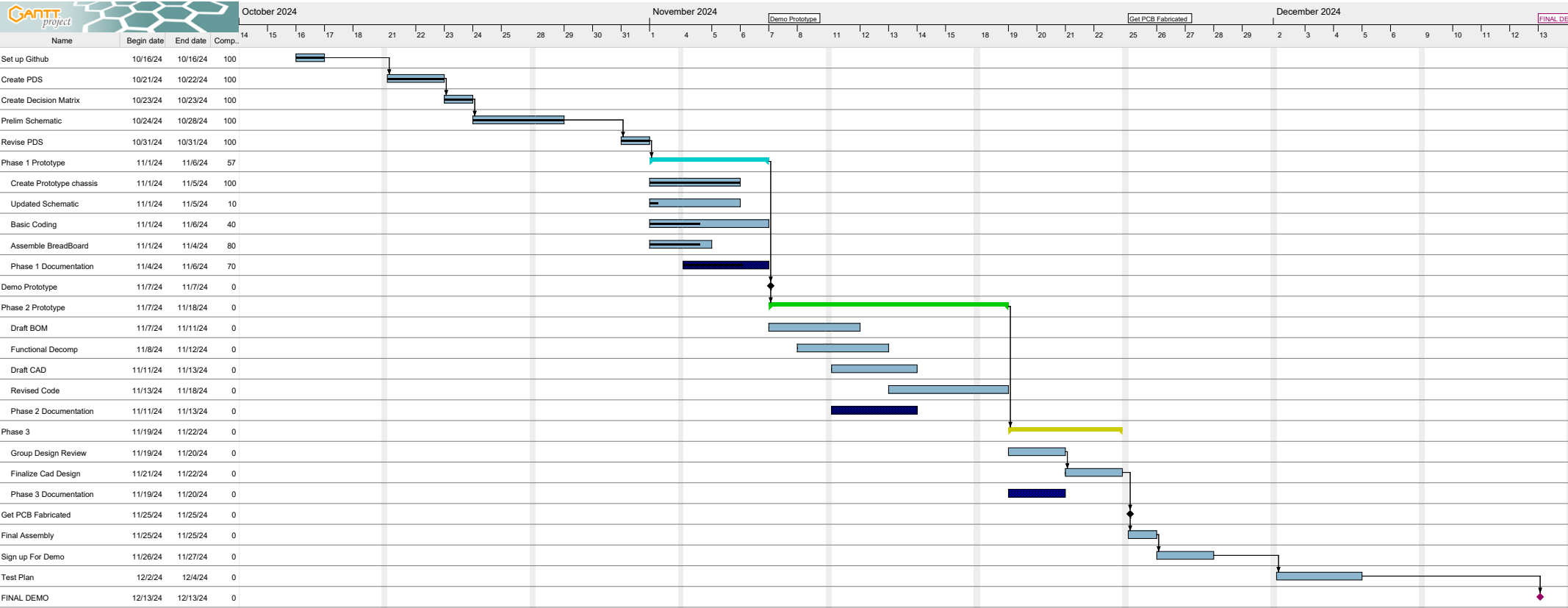| Name	Begin date	End date	Comp..
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Sign up For Demo	11/26/24	11/27/24	0
Test Plan	12/2/24	12/4/24	0
FINAL DEMO	12/13/24	12/13/24	0

Resources Chart

The chart lists the following resources and their assigned tasks across October–December 2024:

Cody Reid
- Set up Github
- Basic Coding
- Revise PDS
- Create PDS
- Create Decision Matrix
- Test Plan
- Group Design Review
- Revised Code
- Functional Decomp
- FINAL DEMO
- Phase 3 Documentation
- Phase 2 Documentation
- Phase 1 Documentation
- Final Assembly
- Demo Prototype

Cuauhtemoc Gomez Angeles
- Revise PDS
- Create PDS
- Prelim Schematic
- Updated Schematic
- Phase 1 Documentation
- Phase 2 Documentation
- Finalize Cad Design
- Group Design Review
- Phase 3 Documentation
- Get PCB Fabricated
- Final Assembly
- FINAL DEMO
- Demo Prototype
- Functional Decomp

Daniel Anishchenko
- Revise PDS
- Create PDS
- Create Decision Matrix
- Assemble BreadBoard
- Draft BOM
- Phase 1 Documentation
- Phase 2 Documentation
- Phase 3 Documentation
- Final Assembly
- Group Design Review
- Functional Decomp
- Test Plan
- FINAL DEMO
- Demo Prototype

Tyler Tran
- Create Prototype chassis
- Revise PDS
- Create PDS
- Draft BOM
- Draft CAD
- Phase 1 Documentation
- Phase 2 Documentation
- Phase 3 Documentation
- Final Assembly
- Group Design Review
- FINAL DEMO
- Demo Prototype
- Functional Decomp