Gantt chart — Dissertation project schedule (Dec 2023 – Jul 2024)

Name	Timeline
Dissertation Development	Dec 2023 – Jul 2024
State of the Art	
Describe Implementations	
Result Analysis and Conclusions	
Research Plan	
Problem Analysis	
Requirements Definition	
Goals and Objectives Definition	
System Architecture Definition	
System Flow Chart	
Development Plan	
System Development	
Component Procurement	
Schematic and PCB Design	
PCB Manufacture and Component Acquisition	
Firmware Development	
Firmware Validation and Modelation	
Implementation	
Build Main and Secondary Device	
Bench Tests	
Ground Tests	
Evaluation	