

GANTT CHART

PHASES	Task	Start Date	End Date	16OCT-18OCT	19OCT-21OCT	22OCT-25OCT	26OCT-28OCT	29OCT-31OCT	01NOV-03 NOV
Initial Planning	Requirements Analysis	16/10/24	17/10/24						
	Mechanical Drawing & Wiring Layout Design	17/10/24	19/10/24						
	Algorithm Development and Feasibility Check	17/10/24	19/10/24						
Sourcing	Vendor Selection and Procurement	17/10/24	23/10/24						
	Software Stack Verification	18/10/24	20/10/24						
	Compliance and Quality Verification of Resources	18/10/24	21/10/24						
Assembly	Hardware Assembly and System Integration (Mechanical and Electronics)	20/10/24	25/10/24						
	Development Environment Setup	20/10/24	22/10/24						
Coding	Object Detection and Contour Extraction Module Development	21/10/24	25/10/24						
	DXF File Generation Module Development	22/10/24	25/10/24						
	Developed Modules Testing	26/10/24	27/10/24						
Testing	Integrated System Testing	28/10/24	30/10/24						
	Performance Optimization and Stress Testing	29/10/24	1/11/24						
	Quality Assurance and Compliance Verification	2/11/24	2/11/24						