

ACTION PLAN

Project Information	Details
Project Name	Website Redesign Project
Project Start Date	march1,2025
Project End Date	june 1, 2025
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1. Project Summary

Objective	To Integrate aIoT and create a Smart AWG machine
Scope	adding sensors, centralised control, remote access and data collection and real time monitoring

2. Project Progress

Tasks Completed	Tasks In Progress	Upcoming Tasks
sensor procurement	phase1 sensor connection	testing and deployment in machine
data transmission to cloud	validation of data received in cloud	control through cloud

3. Action plan explanation

- **first plan of action is to connect the sensors and obtain data and then implement them in the machine**
- **implement logic that allows automated cutoff in the machines**
- **then deploy them directly in the machines to test them**



Identified Risks	Mitigation Plan	Current Issues
Possible mismatch AC to DC conversion may lead to failure of machine	Robust conversion and fail safe system	will have to sum after initial testing
calibration of sensors	should indulge in testing and research	None

6. Work- flow diagram(phase1)

