

PROJECT DESIGN PHASE – II

Solution Requirements

Hazardous Area Monitoring For Industrial Plant Powered By IOT

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Functional Requirements:

Following are the functional requirements for the proposed solution:

Functional Requirements	Sub Requirement
Temperature sensor	To detect temperature of the particular area
Watch tower	To attract attention to a specific location.
Cloud service	To store and access data.
Wearable device	To notify the workers of hazardous area.
Alarm	To alert the workers in nearby sectors.
Mobile application	To communicate with the workers.
Raspberry pi	To process the data and for automation.