

Project Design Phase-II
Functional Requirements

Date	14 October 2022
Team ID	PNT2022TMID16651
Project Name	Project – Industry-Specific Intelligent Fire Management System
Maximum Marks	4 Marks

Functional Requirements:

Following are the functional requirements of the proposed solution.

FR No.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
FR-1	User Requirements	Workers and Product Protection Automatic Sprinkler System Monitors Smoke ,Gas and Temperature
FR-2	User Registration	Manual Registration Registration through webpage Registration through Form Registration through Gmail
FR-3	User Confirmation	Confirmation via Phone Confirmation via Email Confirmation via OTP
FR-4	Payment Options	Cash on Delivery Net Banking/UPI Credit/Debit/ATM Card
FR-5	Product Delivery and Installation	Door Step delivery Take away Free Installation and 1 year Warranty
FR-6	Product Feedback	Through Webpage Through Phone calls Through Google forms

Types of requirements

BABOK, which is a recognized set of business analysis industry standards, offers the following classification of requirements.

Business requirements

These include high-level statements of goals, objectives, and needs. [Business requirements](#) do not include any details or specific features. They just state the problem and the business objective to be achieved such as

- increased revenue/throughput/customer reach,
- reduced expenses/errors,
- improved customer service, etc.

Solution requirements

Solution requirements describe specific characteristics that a product must have to meet the needs of the stakeholders and the business itself. They fall into two large groups.

- **Functional requirements** define what a product must do, what its features and functions are.
- **Nonfunctional requirements** describe the general properties of a system. They are also known as *quality attributes*.