

**Project Design Phase-II**  
**Solution Requirements (Functional & Non-functional)**

**Functional Requirements:**

Following are the functional requirements of the proposed solution.

FR No.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
FR-1	IoT devices	Sensors and Wifi module.
FR-2	Software	Web UI, Node-red, IBM Watson, MIT app

**Non-functional Requirements:**

Following are the non-functional requirements of the proposed solution.

FR No.	Non-Functional Requirement	Description
NFR-1	<b>Usability</b>	Time is consumed more slowly, and productivity is higher.
NFR-2	<b>Security</b>	As a result of the integration of sensor data, it has minimal security features.
NFR-3	<b>Reliability</b>	Data accuracy makes it trustworthy.
NFR-4	<b>Performance</b>	High-level output is being produced.
NFR-5	<b>Availability</b>	The application is accessible with allowed network connectivity.
NFR-6	<b>Scalability</b>	It is perfectly expandable, and a lot of new restrictions can be introduced.