

Project Design Phase
-ISolution
Architecture

Date	
Team ID	PNT2022TMID21246
Project Name	SMARTFRAMER- IoT ENABLED SMART FARMING APPLICATION
Maximum Marks	4 Marks

TEAM MEMBERS:

19C001 - ABIRAMI PRIYA J

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Solution Architecture:

- The smart fire management system includes a Gas sensor, Flame sensor and temperature sensors to detect any changes in the environment.
- Based on the temperature readings and if any Gases are present the exhaust fans are powered ON.
- If any flame is detected the sprinklers will be switched on automatically.
- Emergency alerts are notified to the authorities and Fire station.

Solution Architecture Diagram:



