# Project Design Phase-I Solution Architecture

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

**TEAM MEMBERS:**

19C001 - ABIRAMI PRIYA J

19C040 - KALAISELVI S

19C042 - KAVIYA D

19C048 - LAVANYA R

**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:

