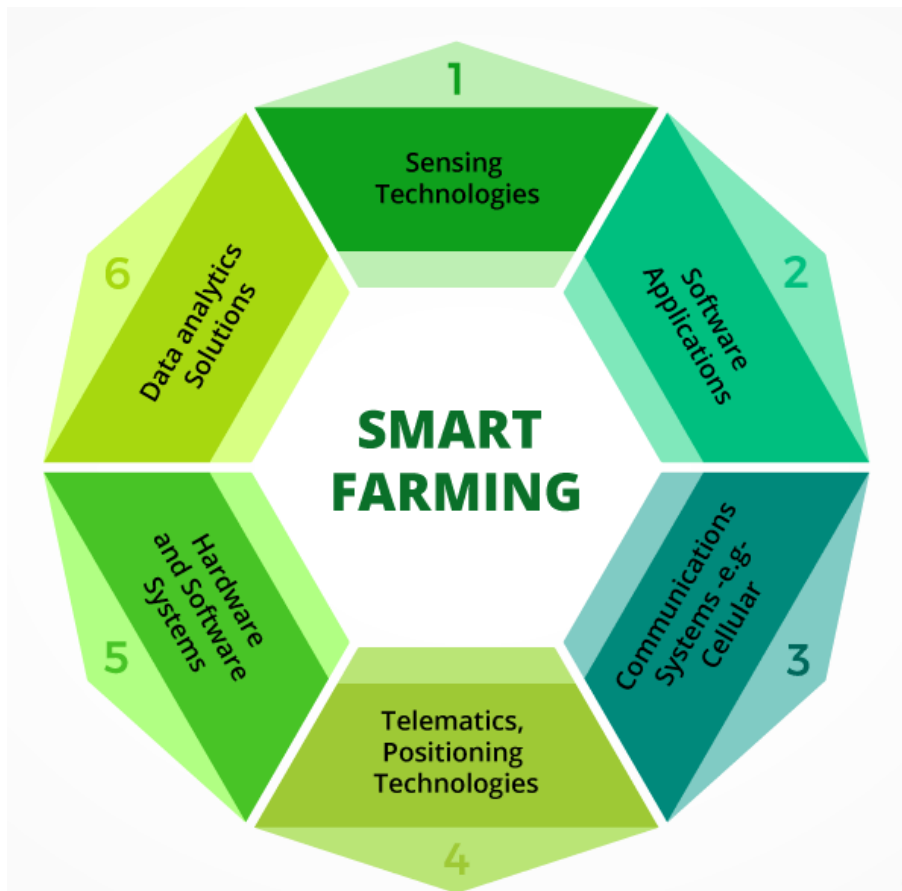


FUNCTIONAL REQUIREMENTS



The functional requirement of the proposed system is to measure:

- Temperature,
- Gauge humidity,
- Quantify the water level,
- Measure light intensity,
- Measure air toxicity

where functional requirement are availability, reliability, maintainability, ease of use. The sensor involved in the system measures the specific factors and notify the user. The factors like temperature, moisture, light intensity, air toxicity, ph. value. There is a Arduino mega development kit which contains a microcontroller in built and integrate all the sensor and the result is displayed in the LCD screen moreover the system has a WIFI module which sends the further reading from the sensor to the user. This wireless control system for agriculture motor where the farmer will get notification or SMS in his mobile whenever the motor is on and whenever it is off. The project has been successful in India and helped during non deterministic weather conditions.