Solution architecture:

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| Team ID | PNT2022TMID07540 |
| Project Name | Smart agriculture monitoring system using IOT |
| Maximum marks | 4 Marks |

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| Soil Moisture  Humidity  Temperature  LCD Display  GPRS Module  Motor  Arduino UNO R3 board with DIP ATmega328P : Amazon.in: Industrial &  Scientific |

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| Key points:   * The different soil parameters (temperature, humidity, pH level, Moisture level) are sensed using sensors and the obtained value is stored. * Arduino UNO is used as a processing unit which processes the data obtained from sensors and weather data from weather API. * All the collected data are provided to the user through a mobile application which was developed .Depending upon the sensor values Mobile Motor Pump controller waters the corp. |