Project Design Phase-II

Functional Requirements

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| Date | 20 October 2022 |
| Team ID | PNT2022TMID17579 |
| Project Name | Smart Farmer - IoT Enabled Smart Farming Application |

Functional Requirements:

Following are the functional requirements of the proposed solution.

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| FR NO. | FUNCTIONAL REQUIREMENT (EPIC) | SUB-REQUIREMENT (STORY /SUB-TASK) |
| 1. | User Registration | Registration through Form |
| 2. | User Confirmation | Confirmation via Email Confirmation via OTP |
| 3. | User Login | Log in with your Email Id and Password |
| 4. | Forgot Password | Log in with Email Confirmation Of OTP |
| 5. | Query Form | Make a note of the problems and issues faced by the user when using the application |
| 6. | Weather | To find the climate information of a particular area |
| 7. | Agro Note | To list agriculture-related information like how to plant, how many liters of water that plant needs in a day etc |
| 8. | Sensors | To show various data from different sensors like temperature, humidity, soil moisture |
| 9. | Database Management | To show various agriculture-related data are stored |
| 10. | Exit | After the user checked the information, the user can exit the application |