Functional Requirements:

FR No.	Functional Requirements	Sub Requirements
1	User Registration	User can register through mobile no/e-mail
2	User Confirmation	If user registered successfully they will receive OTP for confirmation
3	Login	Once they confirmed they can login by using their credentials
4	Forget Password	If user forget their password they can give forget password and user can recover through their email
5	Smart irrigation	In this modules they can manage the temperature ,humidity and moisture level .If the motor is on we will start getting the reading
6	Managing database	In this the database is manage in the IBM waston IOT platform and the node are conneted in the NODE RED PLATFORM
7	Logout	Exit the Application

Non-Functional Requirements:

NFR No.	Non-Functional Requirements	Description
1	Usability	It includes that is easy learn ability, efficiency in use, lack of errors in operation.
2	Security	Sensitive and private data must be protected from their production until the decision-making and storage stages.
3	Reliability	The shared protection achieves a better trade-off between costs and reliability
4	Performance	Implementing sensors with soil and environmental or ambient parameters in farming will be more efficient for monitoring the fields.
5	Availability	Automatic adjustment of farming equipment made possible by linking information like crops and auto-adjustment temperature, humidity etc
6	Scalability	It is a major concern for IOT platforms. It has been shown that different architectural choices and that automatic real time decision-making is feasible in an environment.