Smart Farmer

| SCENARIO

Sign in, Confirmation mail, Access to Dashboard | **Entice**

How does someone initially become aware of this process? | **Enter**

What do people experience as they begin the process? | **Engage**

In the core moments in the process, what happens? | **Exit**

What do people typically experience as the process finishes? | **Extend**

What happens after the experience is over? |
|---|---|---|---|---|---|
| **Steps**

What does the person (or group) typically experience? | **INFO** **INTERNET**

Farmers come to know about the application from their colleagues or neighbours

Surfing the internet | **SIGN IN** **E-MAIL CONFIRMATION**

Sign in using email and password, then create your profile

Verifying via E-mail | **LOG IN** **ACCESS DASHBOARD**

Log in using e-mail id and password

Enter into dashboard using Navigation Panel | **LOG OUT** **QUERY**

Securely log out of the app

Submit Queries if any | **OPTIMIZED OUTPUT** **Personalized SUGGESTION**

The sensed information from the sensors is displayed

The appropriate suggestions are displayed for further improvement |
| **Interactions**

What interactions do they have at each step along the way?

■ **People:** Who do they see or talk to?
■ **Places:** Where are they?
Things: What digital touchpoints or physical objects would they use? | Setting up the Device in the Farm Land | The sensed information is displayed in the dashboard
In case of abnormalities in the sensor values the buzzer glows. | If the soil moisture content is lesser than the threshold, the relay coil triggers the AC motor pump.

Farmers get to know about the weather conditions of their farmland from anywhere in the world. | The users leave a review about using the facilities of the app/website | Analyse the sensed values and learned the requirements of different plant species |
| **Goals & motivations**

At each step, what is a person's primary goal or motivation? ("Help me…" or "Help me avoid…") | Help me get the Temperature and humidity

Help to get soil moisture content and trigger the motor pump using relay in case of low moisture content

Help me see what they have to offer | Gives us Confidence as it is based on cloud storage | Help me feel good about my decision to use this IOT Enabled application | Assist the farmer and makes them comfortable | Help me see what I could be doing next |
| **Positive moments**

What steps does a typical person find enjoyable, productive, fun, motivating, delightful, or exciting? | The AC motor pump is triggered without human intervention | Product is very useful | | | Help Farmer to maintain Records |
| **Negative moments**

What steps does a typical person find frustrating, confusing, angering, costly, or time-consuming? | Rural People express a bit of fear to use technology | Trepidation about the purchase ("I hope this will be worth it!") | Farmer find it difficult to get adapted to new technologies | | |
| **Areas of opportunity**

How might we make each step better? What ideas do we have? What have others suggested? | Brings to your attention about the abnormal situations | | New Technology prompts literate people to do farming | | |