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Project Name : IoT Enabled Smart Farming Application

IoT Enabled Smart Farming Application

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?

Steps
What does the person (or group) typically experience?

- Advertisement — The product will be advertised through multiple ads channels.
- Peoples Response — Letting people know that product exists through talks.
- Public Gathering/ Product Expo — Taking out our product to the product expo the capture attention.
- Registration/Ordering — User registration through mobile or web application
- Placing order and order confirmation
- Payment confirmation.
- Receive the product.
- Begin installation → Gather user details for user interaction. → On site survey and planning. → Product Demo → User guidance/ Education → Experience the experience
- Good Yield
- Nutrient Agricultural Produce
- Have better life style
- Feeling Motivated And Happy
- Creating Awareness among them

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?

- Farmer - Interaction with the web application.
- Farmer - Interaction with the mobile application.
- Farmer - Interaction with the web device.
- They feed in data like type of crops, data of sowing, soil nutrient contents.
- Feed in crop data → Get pest reaminders → Estimated cultivation date → Average yield
- They can experience their success

Goals & motivations
At each step, what is a person's primary goal or motivation? ("Help me..." or "Help me avoid...")

- Avoid interrupting the process
- Do not override the system
- Handle the system with care
- Have good knowledge on working of the system
- Do not replicate the wiring without knowledge of the system
- Stay focused during the entire process
- Input correct data → Avoid interrupting the process → Timely product inspection → Ensuring good internet connectivity → Tampering device without advice → Do not override system algorithm
- Good Yield
- Have better life style
- They can experience their success

Positive moments
What steps does a typical person find enjoyable, productive, fun, motivating, delightful, or exciting?

- Motivated
- Have good yield
- Happy/Settled
- Peaceful mind
- From state of frustration and disappointment → Feeling happy and motivated.
- Stage 1 : Not having good yield → Stage 2 : Coming to know about the product → Stage 3 : Product inquiry and installation. → Stage 4 : Data Feeding. → Stage 4 : Wait for the time → Stage 5 : Have good and better yield.
- Having a feeling of achieving greater things.
- Contributing good to the profession