NALAIYA THIRAN
WEEK 7 REPORT

Domain : Internet Of Things(IoT)
Project Title: IoT Based Smart Crop Protection System For Agriculture

Team ID: PNT2022TMID15746

GitHub ID: https://github.com/IBM-EPBL/IBM-Project-24229-1659940305

Mentor Name: P. Ilampiray

Team Members: Madhushree K(Team Leader) – 111719104088
Kosuru Harshitha – 111719104081
Kongara Deepika – 111719104080
Kaluva Vandana – 111719104069

Activity

Prepare the customer journey maps to understand the user interactions & experiences with the application (entry to exit).

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Mark	2 marks

● journey steps which step of the experience are you describing?	Discovery Why do they even start the journey ?	Registration why would they trust us?	Onboarding and first use How can they feel successful?	Sharing why would they invite others?
● Actions What does the customer do? What information do they look for? what is their context?	Detection the movement in the Field	uses of scarce resources within their production environment and manage these in an environmentally and economically	To connect the system with sensor through the mobile application / Incresing demand for food with minimun resources such as water,fertilizers,seeds by the smart crop protection	To get conserving biodiversity and nutrients in the earth & consequently increasing the quality and lowering food costs.
● Needs and Pains What does the coustmer want to achieve and avoid?	ACHIEVE:Prevent crop damage from diseases and pests / AVOID: Excessive use of chemical fertilizers and pesticides,prolonged,droughts and shortage of water	To have enough knowledge on handle the IOT based devices	Farmers have to handle it regular checking & work according to the IOT based procedures	IF they have more profit to improve cultivation
● Touch point What part of service do they interact with	Mobile application and Devices are connected through IOT system	Mobile Application / Devices connected by SENSORS	Buzzer sound / Notification in Mobile application / Tape the sensor & connection report	Build farmer resilience to environmental shocks / plant many crops / Minimum support prices for all crops
● Coustomer Feeling What is the coustmer feeling	😃	😎	🤪	🤗
● Process Ownership Who is in the lead on this ?	Horticulturists	Horticulturists	Farmers	Horticulturists