

SMART CROP PROTECTION SYSTEM BASED IOT

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Design sprint date	Nov 6, 2022
Status	COMPLETED
Title	SMART CROP PROTECTION SYSTEM FOR AGRICULTURE

▼ What is a design sprint?

A design sprint is a framework for answering critical business questions by designing, prototyping, and testing ideas with users.

This template will help you create a framework to support divergent and convergent thinking:

- Understand and define the problem
- Sketch out solutions and decide the best path forward
- Wrap up with a team retrospective

You can do this over the course of one day or break it up across multiple days.

Design sprint checklist

- ☒ Assemble the team
- ☐ Reserve a room
- ☒ Purchase materials
- ☐ Order lunch
- ☒ Schedule user testing

Goal

The main goal is to optimize the harvesting land by using modern methods to achieve best in quality, quantity and financial resources.

In our idea to prevent from the wild animals, birds weather conditions and to check soil moisture by using an modern thechnology by using IOT Devices.

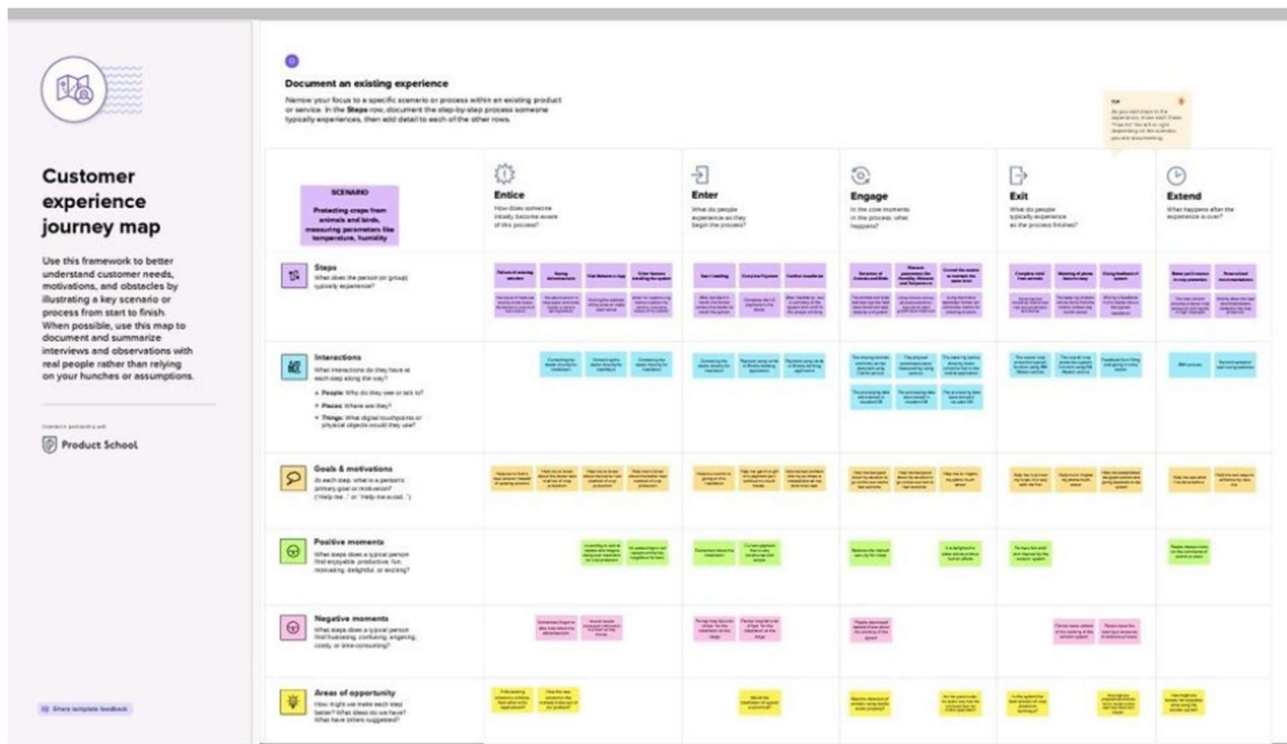
Sprint Pre-work

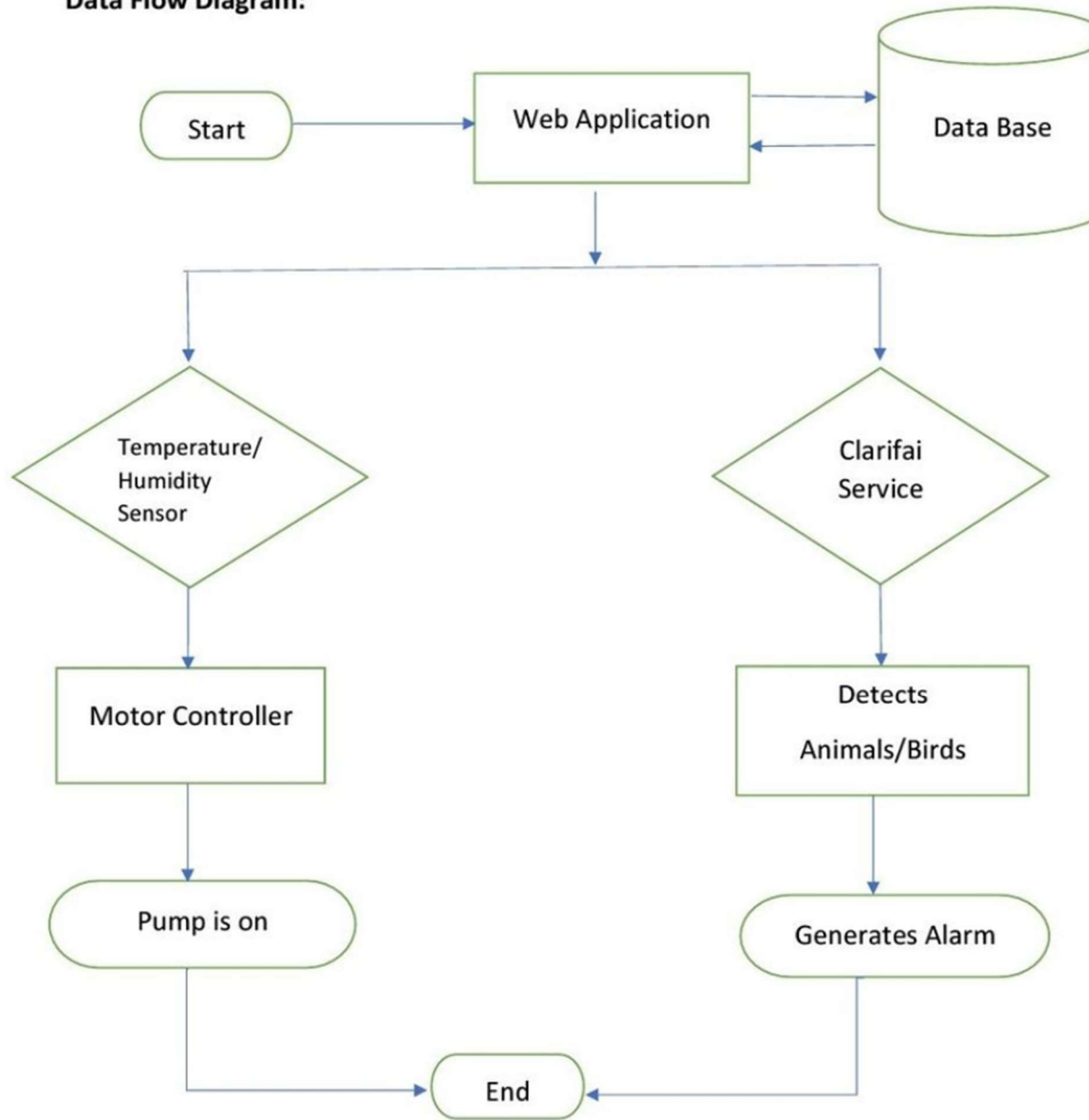
[IoT based Smart System to Support Agricultural Parameters: A Case Study](#)

Sprint schedule 3

WEEK 7 OCT 3-8	Prepare the customer journey map to understand the user interactions&experiences Attend the training as per the calendar.
WEEK 8 OCT 10-15	Prepare the functional requirement document&data flow diagrams Attend the training as per the calendar.
WEEK 9 OCT 17-22	prepare technology Architecture of the solution Attend the training as per the calendar.

CUSTOMER JOURNEY MAP



Data Flow Diagram:

SOLUTION ARCHITECTURE

Technology Architecture:

