PROJECT DESIGN PHASE-I

Proposed Solution

Date	26 September 2022
Team ID	PNT2022TMID39782
Project Name Project	Fertilizers Recommendation System for Disease Prediction
Maximum Marks	4 Marks

PROPOSED SOLUTION 1:

S.no.	Parameter	Description
1.	Problem Statement (Problem to be solved)	Difficult to identify the problem with the crops at the early stage
2.	Idea / Solution description	By uploading or taking the picture of the affected plant it analyzes it with the reference picture available and providing all the information about the disease that the plant is affected.
3.	Novelty / Uniqueness	As soon as the farmer identifies the difference in their plants, they can take a closer picture of that particular area in the plant and quickly find a problem with their plants.
4.	Social Impact / Customer Satisfaction	Finding the problem at the early stage helps the farmers to save the crops before it is fully affected.
5.	Business Model (Revenue Model)	The company can charge fee to access the application for more than 3 search information per day.
6.	Scalability of Solution	Subscription of the application can give access to multiple amounts of information.

PROPOSED SOLUTION 2:

S.no.	Parameter	Description
1.	Problem Statement (Problem to be solved)	Difficult to find the suitable fertilizer
2.	Idea / Solution description	Suggesting the suitable fertilizers to cure the particular disease with the plants.
3.	Novelty / Uniqueness	The sooner the problem is identified there will be column with shows the fertilizers that must be used to cure the identified disease.
4.	Social Impact / Customer Satisfaction	Since all the informations are available in the application it easy and save a lot of time for the user.
5.	Business Model (Revenue Model)	Paid version of the application will provide access to the information about the store in multiple regions.
6.	Scalability of Solution	Free version of the application does provide the access to required basic information but with a maximum limit which helps to attract more users.

PROPOSED SOLUTION 3:

S.no.	Parameter	Description
1.	Problem Statement (Problem to be solved)	Difficult to find required fertilizer at low cost.
2.	Idea / Solution description	By comparing cost of fertilizers in different stores around the area of the user and suggesting a list of fertilizers and their cost available in the stores.
3.	Novelty / Uniqueness	Collecting a complete data of the stores which sells fertilizers in regions where farming is given importance and comparing those store's selling price with each other and creating a list in an order from highest price to lowest price available.
4.	Social Impact / Customer Satisfaction	This feature saves the user's time by providing all the information from the place where the particular fertilizer is available to the store where the particular product is available at the lowest cost.
5.	Business Model (Revenue Model)	We can charge fee for enabling a filter option which filters by the cost range, particular region and by showing the best choice option.
6.	Scalability of Solution	Since we recommend the place where the product is available at the lowest cost by comparing multiple stores attracts more users.

PROPOSED SOLUTION 4:

S.no.	Parameter	Description
1.	Problem Statement (Problem to be solved)	Find the best way to grow plants at home.
2.	Idea / Solution description	Creating a section where tips and instructions to grow plants at home effectively.
3.	Novelty / Uniqueness	This application is also developed for not only the farmer but also for the common people who wants to grow plants.
4.	Social Impact / Customer Satisfaction	This application helps everyone by providing information to grow plants at home to protect the crops in the field.
5.	Business Model (Revenue Model)	Can provide a paid service which includes daily reminder to take care of the plants in a proper way
6.	Scalability of Solution	Since this application provides information for both farmer and common people who wants to grow plants at home attracts many numbers of users.