

Project DesignPhase-I

Problem_Solution_Fit_Template

Date	16 NOVEMBER 2022
Team ID	PNT2022TMID36798
Project Name	Project – Fertilizer Recommendation system for disease prediction
Maximum Marks	2 Marks

Problem – Solution Fit Template:

<div style="text-align: right; font-size: 0.8em; font-weight: bold; color: #e91e63;">CS</div> <p>1.Customer Segment: Farmer Are The First Customer For This Application. Farmer Can Easily Use This Application And Get Suggestion For Fertilizer To Used Correctly.</p>	<div style="text-align: right; font-size: 0.8em; font-weight: bold; color: #e91e63;">PS</div> <p>5. Available solution : People are judge the disease in plants by Identifying through the change of leaf's quality</p>	<div style="text-align: right; font-size: 0.8em; font-weight: bold; color: #e91e63;">A</div> <p>8.channels of behaviour : Online : Basic knowledge on the plant and fertilizer Offline : People try to identify the disease by the quality of the leaf's.</p>
<div style="text-align: right; font-size: 0.8em; font-weight: bold; color: #e91e63;">P3</div> <p>2.Jobs To Be Done /Problems This application focuses on helping for the farmer who needs a better recommendation of fertilizer on the infected plants .identifying the disease is one of the biggest problem here.</p>	<div style="text-align: right; font-size: 0.8em; font-weight: bold; color: #e91e63;">KC</div> <p>6.customer constraints : Availability of good networks. Capturing the image in a required pixels to get a accurate prediction of disease in the plant.</p>	<div style="text-align: right; font-size: 0.8em; font-weight: bold; color: #e91e63;">P2</div> <p>9. problem root cause : Various disease on the plants can lead to reducing the quality and quantity of the crops productivity. The insects on the plants can spread the disease .</p>
<p>3.Triggers : Seeing their crops are being infected by disease and facing huge loss in quantity and quality</p>	<p>7.Behaviour : Directly : Farmer can easily identify the disease by the application and they don't need any extra knowledge on the disease prediction Indirectly : Farmer can be able to get result through online immediately.</p>	<p>10. Solution : Using the fertilizer is one the solution for the disease in the plants. Our Application use the image of the infected plant by identifying the disease and suggest the good fertilizer for the disease</p>
<div style="text-align: right; font-size: 0.8em; font-weight: bold; color: #008000;">EM</div> <p>4.Emotion : Before : losing self-confidence ,distress After : gaining self-confidence ,relief</p>		

