

PROJECT DESIGN PHASE - 1

PROBLEM SOLUTION FIT

DATE	21 SEPTEMBER 2022
TEAM ID	PNT2022TMID15490
PROJECT NAME	Estimate the Crop yield using Data Analytics
MAXIMUM MARK	2 Marks

Problem Solution Fit:

<div style="background-color: #f0f0f0; padding: 5px; border: 1px solid #ccc;"> <p>Define CS, fit into CC</p> <p>CS</p> <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>	<div style="background-color: #f0f0f0; padding: 5px; border: 1px solid #ccc;"> <p>AS</p> <p>5. Available solution : People are judge the disease in plants by Identifying through the change of leaf's quality</p> </div>	<div style="background-color: #f0f0f0; padding: 5px; border: 1px solid #ccc;"> <p>AS</p> <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>
<div style="background-color: #f0f0f0; padding: 5px; border: 1px solid #ccc;"> <p>J&P</p> <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>	<div style="background-color: #f0f0f0; padding: 5px; border: 1px solid #ccc;"> <p>RC</p> <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>	<div style="background-color: #f0f0f0; padding: 5px; border: 1px solid #ccc;"> <p>RU</p> <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> </div>
<div style="background-color: #f0f0f0; padding: 5px; border: 1px solid #ccc;"> <p>TR</p> <p>3.Triggers : Seeing their crops are being infected by disease and facing huge loss in quantity and quality</p> </div> <div style="background-color: #f0f0f0; padding: 5px; border: 1px solid #ccc;"> <p>EM</p> <p>4.Emotion : Before : losing self-confidence ,distress After : gaining self-confidence ,relief</p> </div>	<div style="background-color: #f0f0f0; padding: 5px; border: 1px solid #ccc;"> <p>SL</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> </div>	<div style="background-color: #f0f0f0; padding: 5px; border: 1px solid #ccc;"> <p>CH</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>