

## PROJECT DESIGN PHASE - 1

### PROBLEM SOLUTION FIT

DATE	10 OCT 2022
TEAM ID	PNT2022TMID08423
PROJECT NAME	Fertilizer Recommendation System For Plant Disease Prediction
MAXIMUM MARK	2 Marks

### Problem Solution Fit:

<p><b>Define CS, fit into CC</b></p>	<p><b>1. Customer Segment:</b> Farmer Are The First Customer For This Application. Farmer Can Easily Use This Application And Get Suggestion For Fertilizer To Used Correctly.</p> <p><b>CS</b></p>	<p><b>5. Available solution :</b> People are judge the disease in plants by Identifying through the change of leaf's quality</p> <p><b>AS</b></p>	<p><b>Explore AS, differentiate</b></p>
<p><b>Focus on J&amp;P, fit into BE, understand RC</b></p>	<p><b>2. Jobs To Be Done /Problems</b>  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> <p><b>J&amp;P</b></p>	<p><b>6. customer constraints :</b> Availability of good networks. Capturing the image in a required pixels to get a accurate prediction of disease in the plant.</p> <p><b>RC</b></p>	<p><b>Focus on J&amp;P, fit into BE, understand RC</b></p>
<p><b>TR</b></p>	<p><b>3.Triggers :</b> Seeing their crops are being infected by disease and facing huge loss in quantity and quality</p> <p><b>EM</b></p> <p><b>4.Emotion :</b> Before : losing self-confidence ,distress After : gaining self-confidence ,relief</p>	<p><b>7.Behaviour :</b>  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><b>SL</b></p>	<p><b>CH</b></p>
<p><b>10. Solution :</b> 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>			