

# Project Design Phase - I

## Problem – Solution Fit Template

Date	19 September 2022
Team ID	PNT2022TMID17425
Project Name	Fertilizers Recommendation System For Disease Prediction
Maximum Marks	2 Marks

Template:

PNT2022TMID17425	Problem Solution-Fit	Fertilizers Recommendation System for Disease Prediction
<div style="background-color: #f8d7da; padding: 5px; font-size: 0.8em; font-weight: bold;">Define CS, fit into CC</div> <div style="background-color: #fff3cd; padding: 10px; margin-top: 5px;"> <p><b>1. CUSTOMER SEGMENT(S)</b> <span style="float: right; background-color: #ffc107; padding: 2px 5px; font-weight: bold;">CS</span></p> <p>Who is your customer?</p> <ul style="list-style-type: none"> <li>Farmers are our primary customers to solve their problem in choosing right fertilizers.</li> <li>Our secondary customers are the researchers to make their job easy with our AI Technology.</li> <li>People who couldn't afford for a Consultant for choosing crops and fertilizers.</li> </ul> </div>	<div style="background-color: #fff3cd; padding: 10px; margin-top: 5px;"> <p><b>6. CUSTOMER CONSTRAINTS</b> <span style="float: right; background-color: #ffc107; padding: 2px 5px; font-weight: bold;">CC</span></p> <p>What constraints prevent your customers from taking action or limit their choices of solutions?</p> <ul style="list-style-type: none"> <li>This is basically a web application , Which is Supported in almost all devices.</li> <li>The easy graphical representation make a clear understanding for all people.</li> <li>The Results for their problem will be in minute .</li> </ul> </div>	<div style="background-color: #d1ecf1; padding: 10px; margin-top: 5px;"> <p><b>5. AVAILABLE SOLUTIONS</b> <span style="float: right; background-color: #c6e0b4; padding: 2px 5px; font-weight: bold;">AS</span></p> <p>Which solutions are available to the customers when they face the or need to get the job done?</p> <ul style="list-style-type: none"> <li>By using the AI will end up the existed problem , by provide results in low price.</li> <li>Its affordable by all people and the results are provided instantly</li> <li>Its Supports in Mobile ,Desktop, etc (Almost all device support )</li> </ul> </div> <div style="background-color: #d1ecf1; padding: 5px; font-size: 0.7em; font-weight: bold; text-align: center;">Explore AS, differentiate</div>
<div style="background-color: #fff3cd; padding: 10px; margin-top: 5px;"> <p><b>2. JOBS-TO-BE-DONE / PROBLEMS</b> <span style="float: right; background-color: #ffc107; padding: 2px 5px; font-weight: bold;">J&amp;P</span></p> <p>Which jobs-to-be-done (or problems) do you address for your customers?</p> <ul style="list-style-type: none"> <li>Its provides a good fertilizer recommendation for their crops.</li> <li>Its analyzes the disease which affects their plants .</li> <li>Its shows a set of crops which suitable for their soil and their climate .</li> </ul> </div> <div style="background-color: #fff3cd; padding: 5px; font-size: 0.7em; font-weight: bold; text-align: center;">Focus on J&amp;P, tap into BE, understand RC</div>	<div style="background-color: #fff3cd; padding: 10px; margin-top: 5px;"> <p><b>9. PROBLEM ROOT CAUSE</b> <span style="float: right; background-color: #ffc107; padding: 2px 5px; font-weight: bold;">RC</span></p> <p>What is the real reason that this problem exists? What is the back story behind the need to do this job?</p> <ul style="list-style-type: none"> <li>The traditional way are expensive.</li> <li>Farmers want to get results instantly .</li> <li>To improve Production in low cost and easy .</li> <li>Traditional way not contains a easily understandable graphical representation of results .</li> </ul> </div>	<div style="background-color: #d1ecf1; padding: 10px; margin-top: 5px;"> <p><b>7. BEHAVIOUR</b> <span style="float: right; background-color: #c6e0b4; padding: 2px 5px; font-weight: bold;">BE</span></p> <p>What does your customer do to address the problem and get the job</p> <ul style="list-style-type: none"> <li>By using our product , they able to saves a lot of money spend for a expert.</li> <li>Its saves a time and makes their process faster .</li> <li>It improves their field growth with our product .</li> <li>It ensures the causes previously and provide solutions before the damage happens.</li> </ul> </div> <div style="background-color: #d1ecf1; padding: 5px; font-size: 0.7em; font-weight: bold; text-align: center;">Focus on J&amp;P, tap into BE, understand RC</div>
<div style="background-color: #d1ecf1; padding: 10px; margin-top: 5px;"> <p><b>3. TRIGGERS</b> <span style="float: right; background-color: #c6e0b4; padding: 2px 5px; font-weight: bold;">TR</span></p> <ul style="list-style-type: none"> <li>People will feel that our provides a bunch of valuable service affordable.</li> </ul> </div> <div style="background-color: #d1ecf1; padding: 10px; margin-top: 5px;"> <p><b>4. EMOTIONS: BEFORE/AFTER</b> <span style="float: right; background-color: #c6e0b4; padding: 2px 5px; font-weight: bold;">EM</span></p> <ul style="list-style-type: none"> <li>Its reduces the farmers unwanted Work load ,stress , money , time , etc ...</li> </ul> </div> <div style="background-color: #d1ecf1; padding: 5px; font-size: 0.7em; font-weight: bold; text-align: center;">Identify strong TR &amp; EM</div>	<div style="background-color: #d1ecf1; padding: 10px; margin-top: 5px;"> <p><b>10. YOUR SOLUTION</b> <span style="float: right; background-color: #c6e0b4; padding: 2px 5px; font-weight: bold;">SL</span></p> <ul style="list-style-type: none"> <li>By Building a AI , ML based web application make their issues resolved in seconds .</li> <li>Make their expensive process affordable .</li> <li>Minimize the Time for analyze their problem and provide results in seconds .</li> <li>Easy Graphical representation makes a better understanding by everyone .</li> </ul> </div>	<div style="background-color: #d1ecf1; padding: 10px; margin-top: 5px;"> <p><b>8. CHANNELS of BEHAVIOUR</b> <span style="float: right; background-color: #c6e0b4; padding: 2px 5px; font-weight: bold;">CH</span></p> <div style="border: 1px dashed black; padding: 5px; margin-bottom: 5px;"> <p>ONLINE</p> <ul style="list-style-type: none"> <li>Their Data analyzed early with help of cloud rendering</li> </ul> </div> <div style="border: 1px dashed black; padding: 5px;"> <p>OFFLINE</p> <ul style="list-style-type: none"> <li>Its improves their crops production and reduces the losses .</li> </ul> </div> </div> <div style="background-color: #d1ecf1; padding: 5px; font-size: 0.7em; font-weight: bold; text-align: center;">Extract online &amp; offline CH or BE</div>