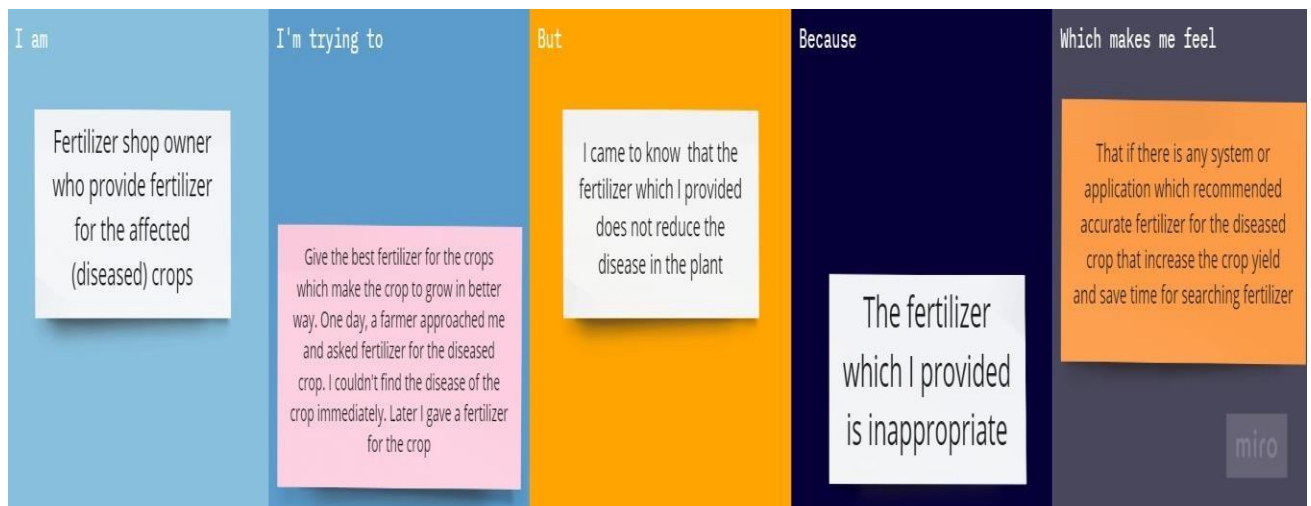


IDEATION PHASE

DEFINE THE PROBLEM STATEMENTS

Date	1 September 2022
Team ID	PNT2022TMID15933
Project Name	Project – Fertilizer Recommendation System for disease prediction
Maximum Marks	2 Marks

PROBLEM STATEMENT:



Problem Statement (PS)	I am (Customer)	I'm trying to	But	Because	Which makes me feel
PS 1	A member belongs to farmer family who is facing many struggles in cultivating the crops	Analyze their problem and identify solution for the problem. I discussed with my family. They told that the cultivation was smooth for past 10 years	In the recent years, their profit and cultivation was decreased	Crops were affected by disease due to drastic climate change. they found it difficult for finding fertilizer for the growth of crops	Frustrated so, I decided to give a solution by recommending the fertilizer for the crops which is affected by disease. This saves their cost, increase yield and productivity
PS 2	Fertilizer shop owner who provide fertilizer for the affected (diseased) crops	Give the best fertilizer for the crops which make the crop to grow in better way. One day, a farmer approached me and asked fertilizer for the diseased crop. I couldn't find the disease of the crop immediately. Later I gave a fertilizer for the crop	I came to know that the fertilizer which I provided does not reduce the disease in the plant	The fertilizer which I provided is inappropriate	That if there is any system or application which recommended accurate fertilizer for the diseased crop that increase the crop yield and save time for searching fertilizer