

**Ideation Phase**  
**Define the Problem Statements**

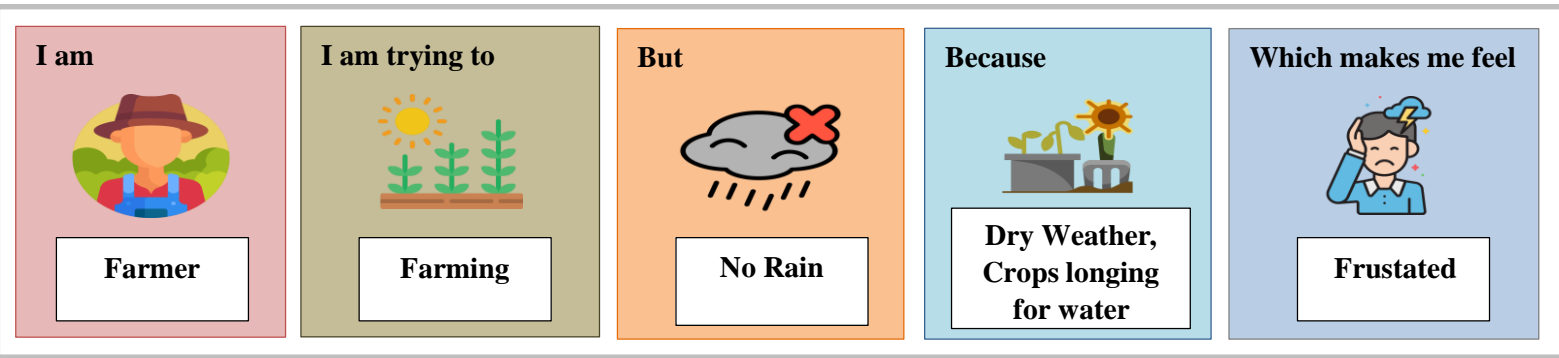
<b>Date</b>	<b>21 October 2022</b>
<b>Team ID</b>	<b>PNT2022TMID29302</b>
<b>Project Name</b>	<b>Project - “EXPLORATORY ANALYSIS OF RAIN FALL DATA IN INDIA FOR AGRICULTURE”</b>
<b>Student Name</b>	<b>Akshaya R,Geetha P,Swathi V,Vigneshwari P</b>
<b>Student Roll No</b>	<b>422519104005,422519104016,422519104044,422519104050</b>
<b>Maximum Marks</b>	<b>2 Marks</b>

**Customer Problem Statement:**

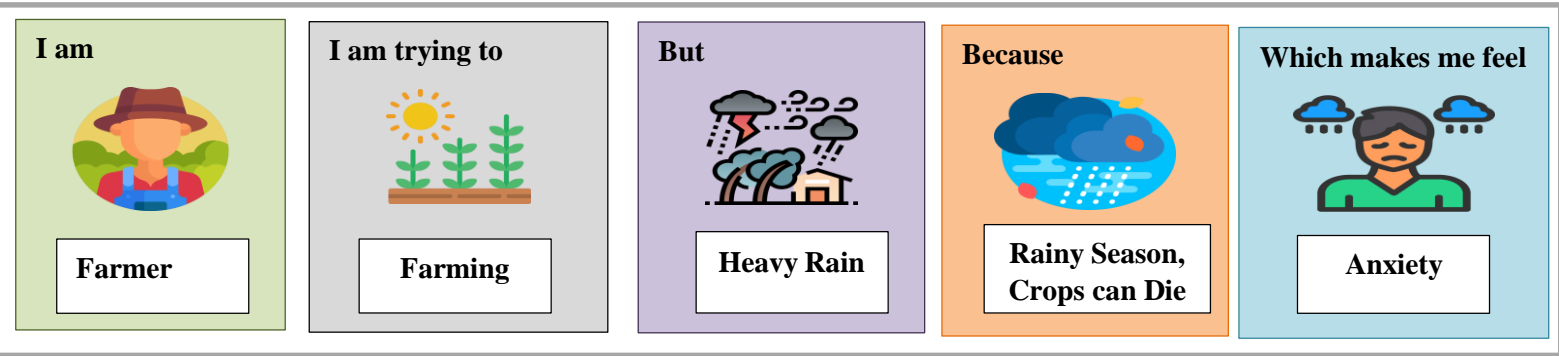
I am	A Farmer	Farmer manages farms, ranches, greenhouses, nurseries, and other agricultural production organizations. Farmers are involved in planting, cultivating, performing post-harvest duties, overseeing livestock, and supervising farm labor depending on the type of farm.
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I'm Trying to	Farming with High Yield (Crops)	<p><b>Food crops</b> – for human needs (e.g. wheat, maize, legumes, rice, potatoes, tomatoes).</p> <p><b>Feed crops</b> – for cattle or livestock consumption (e.g. barley, beets, grasses for domestic animals to graze and store as hay or silage).</p> <p><b>Oil crops</b> – for oil manufacturing either for machinery fuel (rape) or food industry (sunflower, olives).</p> <p><b>Ornamental crops</b> – for home decoration and landscape design (garden or pot flowers and bushes).</p> <p><b>Industrial crops</b> – for industrial manufacturing (rubber).</p>
but	No rain	As the climate changes, there may be an inadequate amount of rainfall so farmers are longing for rain.
Because	Dry Weather, Crops longing for water	Most of the Indian agricultural lands are irrigating Crops such as wheat, rice, pulses, which are a staple in Indian diets, need heavy rainfalls to grow.
Which makes me feel	Frustrated	When little or no rain falls, soils can dry out and crops can die. So, Farmers feel to be disappointed

### Example1:



### Example2:



Problem Statement (PS)	I am (Customer)	I'm trying to	But	Because	Which makes me feel
PS-1	Farmer	Farming with high yield(Crops)	No Rain	Dry Weather, Crops longing for water	Frustrated
PS-2	Farmer	Farming with high yield(Crops)	Heavy Rain	Rainy Season, Crops can Die	Anxiety