

Ideation Phase

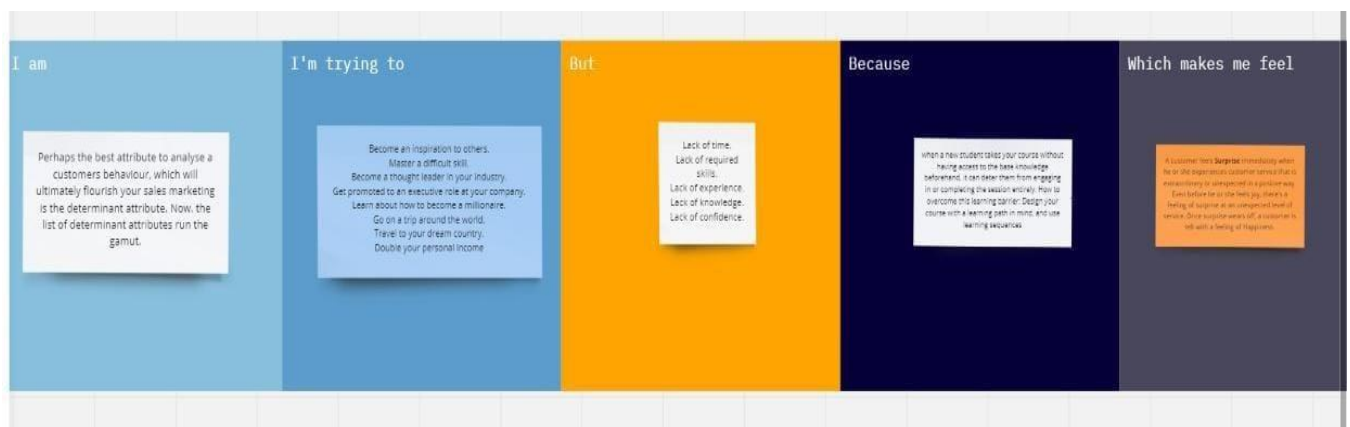
Define the Problem Statements

Date	30 Aug 2022
Team ID	PNT2022TMID152217
Project Name	Project-- A Novel Method for Handwritten Digit Recognition System
Maximum Marks	2 Marks

Customer Problem Statement Template:

Handwriting recognition is one of the compelling research works going on because every individual in this world has their own style of writing. It is the capability of the computer to identify and understand handwritten digits or characters automatically. Because of the progress in the field of science and technology, everything is being digitalized to reduce human effort. Hence, there comes a need for handwritten digit recognition in many real-time applications. MNIST data set is widely used for this recognition process and it has 70000 handwritten digits. We use Artificial neural networks to train these images and build a deep learning model. Web application is created where the user can upload an image of a handwritten digit. This image is analyzed by the model and the detected result is returned on to UI.

Example:



Reference:

https://miro.com/welcomeonboard/dlVxWjZWaUN5eHhEVXh5MkNpMldZV3FKUEZKSnhBNG11bXhZb3g4bGhmNWZMOEIVY1dWMDh1d1Y5RkdxZU9MWnwzNDU4NzY0NTM1ODExOTI5MzQxYDI=?share_link_id=13642599616

Problem Statement (PS)	I am (Customer)	I'm trying to	But	Because	Which makes me feel
PS-1	Perhaps the best attribute to analyse a customers behaviour,	Become an inspiration to others. Master a	Not enough time. Lack of recognition.	when a new student takes your course without having access to the	A customer feels Surprise immediately when he or she experiences customer service

	<p>which will ultimately flourish your sales marketing is the determinant attribute. Now, the list of determinant attributes run the gamut.</p>	<p>difficult skill.</p> <p>Become a thought leader in your industry.</p> <p>Get promoted to an executive role at your company.</p> <p>Learn about how to become a millionaire.</p> <p>Go on a trip around the world.</p>	<p>Poor communication skills.</p> <p>Lack of managerial involvement.</p> <p>Lack of growth opportunities.</p>	<p>base knowledge beforehand, it can deter them from engaging in or completing the session entirely. How to overcome this learning barrier: Design your course with a learning path in mind, and use learning sequences</p>	<p>that is extraordinary or unexpected in a positive way. Even before help or she feels joy, there's a feeling of surprise at an unexpected level of service. Once surprise wears off, a customer is left with a feeling of Happiness</p>
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