

## Project Initialization and Planning Phase

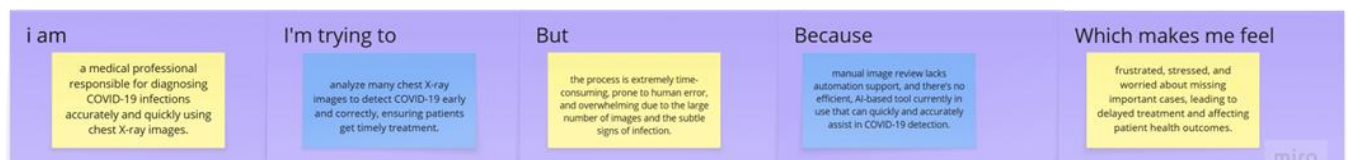
Date	15 March 2024
Team ID	739942
Project Name	Advanced COVID-19 Detection From Lung X-Rays With Deep Learning using IBM Watson.
Maximum Marks	3 Marks

### Define Problem Statements (Customer Problem Statement Template):

Medical professionals face challenges in manually analyzing large numbers of chest X-ray images, which can lead to delays and diagnostic errors in detecting COVID-19 infections. There is a need for an automated, accurate, and efficient deep learning-based detection system, powered by IBM Watson, to assist doctors in delivering faster and more reliable COVID-19 diagnoses — ultimately improving patient care and outcomes



### Example:



<b>Problem Statement (PS)</b>	<b>I am (Customer)</b>	<b>I'm trying to</b>	<b>But</b>	<b>Because</b>	<b>Which makes me feel</b>
PS-1	a doctor who checks chest X-ray images	detect COVID-19 infections early and accurately	it takes too long and mistakes can happen	there are too many images and no intelligent tool to assist	stressed and concerned about patient safety
PS-2	a patient with COVID-19 symptoms	get a quick and correct diagnosis	the process is slow and not always reliable	doctors need a lot of time to manually examine each X-ray	anxious and worried about my health