Project Initialisation and Planning Phase

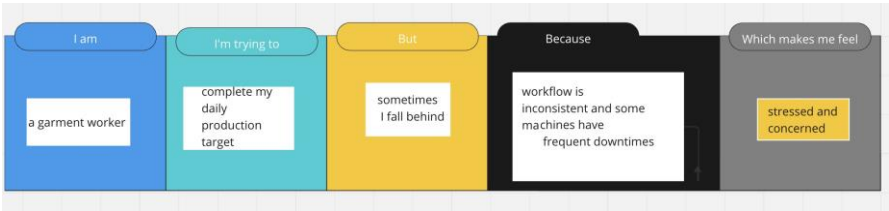
Date	5th July 2024
Team ID	739751
Project Name	Garment Workers Productivity Predictions
Maximum Marks	3 Marks

Define Problem Statements (Customer Problem Statement Template):
To develop a predictive model that accurately forecasts the productivity of garment workers based on

Problem:	**The current inventory management system is inefficient and prone to errors, leading to frequent stockouts and excess inventory.**
Impact:	This inefficiency results in lost sales opportunities due to stockouts and ties up capital in excess inventory, impacting cash flow.
Needs:	We need a reliable inventory management solution that ensures accurate stock levels and improves order fulfillment.
Desired Outcome:	Increase sales revenue by reducing stockouts, optimize inventory levels to minimize excess, and improve overall operational efficiency.
Constraints:	Limited budget for implementing a new system and integration with existing software platforms.
Metrics of Success:	Achieve a 20% reduction in stockouts, decrease excess inventory levels by 15%, and improve order fulfillment accuracy to 98%.

various factors, aiming to optimise manufacturing efficiency and resource utilisation."

Reference: https://miro.com/templates/customer-problem-statement/



Example:

Problem Statement (PS)	I am (Customer)	I'm trying to	But	Because	Which makes me feel
PS-1	A garment factory manager	Accurately predict worker productivity	The current prediction model is not precise	It doesn't account for all variables like worker skill levels and machine downtime	Frustrated and unable to optimise Production schedule
PS-2	An operations manager	Improve overall efficiency in the factory	Productivity Predictions are often delayed	Data collection and processing take too long	Concerned about meeting production targets and deadlines