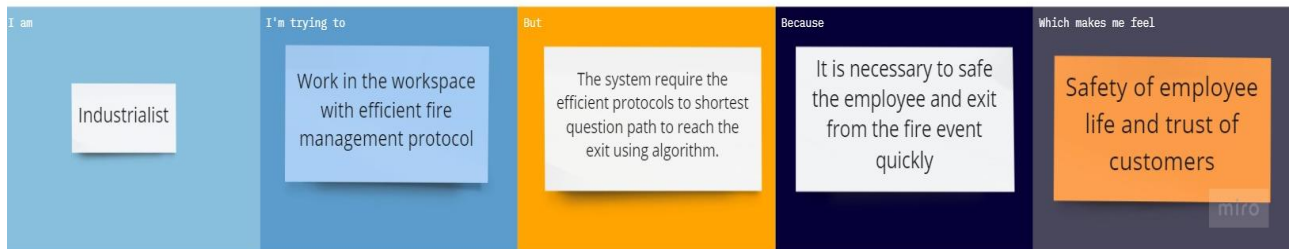


## Ideation Phase

### Define the Problem Statements

|               |  |
|---------------|--|
| Date          | 24 October 2022  |
| Team ID       | PNT2022TMID46346                                       |
| Project Name  | Industry – specific intelligent fire management system |
| Maximum Marks | 2 Marks  |

#### Customer Problem Statement:



| Problem Statement (PS)   | I am             | I'm trying to  | But   | Because  | Which makes me feel   |
|--|------------------|--|---|--|---|
| Detecting the fire incident in the industry.   | A Customer       | Monitoring and controlling the fire to ensure the safety.      | Implementing the efficient fire safety protocol by calculating the shortest path for evacuation strategy. | The system guides the people to reach the safe exist in the short time to avoid live losses. | Ensure the safety of the employee in the workplace and also to reduce the property loss by controlling the fire in the timely manner. |
| Monitor and controlling the fire in the earlier stage to prevent the risk of losses. | An Industrialist | Work in the workspace with efficient fire management protocol. | The system requires the efficient protocols to shortest question path to reach the exit using algorithm.  | It is necessary to safe the employee and exit from the fire event quickly.                   | Safety of employee life and trust of customers.   |

