

## Project Initialization and Planning Phase

Date	01-07-2024
Team ID	739733
Project Name	Fetal AI: Using Machine Learning To Predict And Monitor Fetal Health
Maximum Marks	3 Marks

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

The current process of monitoring fetal health poses significant challenges for healthcare providers and expectant parents, impacting their peace of mind and overall satisfaction. Common challenges include limited access to timely and accurate fetal health data, lack of personalized care, and cumbersome monitoring systems. These challenges can lead to increased anxiety and potential health risks for both the mother and fetus. To enhance the healthcare experience and ensure better outcomes, we aim to address these pain points by utilizing machine learning to predict and monitor fetal health. By understanding the specific frustrations during the monitoring process and implementing AI-driven solutions, we can create an efficient, userfriendly experience that aligns with the needs and expectations of expectant parents, fostering a positive relationship with our healthcare services.

I am	I'm trying to	But	Because	Which makes me feel
Healthcare professional	Predict and monitor fetal health	Limited access to real-time monitoring	Fetal health monitoring is complex	Optimistic about improving fetal health outcomes with AI

<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	An expectant parent	Ensure the health and well-being of my unborn child	Limited access to accurate fetal health data	Concerned about potential health risks	Anxious and worried about the health of my baby