

Project Initialization and Planning Phase

Date	15 July 2024
Team ID	740116
Project Name	Sepsis Survival Minimal Clinical Records Prediction
Maximum Marks	3 Marks

Define Problem Statements (Customer Problem Statement Template):

The current sepsis prediction process in healthcare settings is cumbersome, relying on extensive clinical records that are often not available in emergency situations. Patients, particularly those in critical conditions, encounter hurdles such as delayed diagnosis and limited data availability, which can affect the accuracy and timeliness of survival predictions. These challenges lead to suboptimal patient outcomes and increased mortality rates. To enhance healthcare services and improve patient outcomes, we aim to address these pain points. By understanding the specific frustrations of healthcare providers during the diagnosis process and implementing predictive models that use minimal clinical records, we can create an efficient, user-friendly experience that aligns with healthcare providers' needs and fosters better patient care.

A healthcare provider dealing with a patient suspected of sepsis.

Secure a quick and accurate prediction of sepsis survival.

clinical records and Faced with limited urgent need for diagnosis.

data in critical situations. Lack of comprehensive

Frustrated and concerned about the patient's chances of survival.

Problem Statement (PS)	I am (Customer)	I'm trying to	But	Because	Which makes me feel
PS-1	A healthcare provider dealing with a patient suspected of sepsis.	Secure a quick and accurate prediction of sepsis survival.	Faced with limited clinical records and urgent need for diagnosis.	Lack of comprehensive data in critical situations.	Frustrated and concerned about the patient's chances of survival.