Project Initialization and Planning Phase

Date	21 August 2025
Student Name	Aditya Pol
Project Name	Fetal AI Health Application
Maximum Marks	3 Marks

Problem Statements (Restaurant Recommendation system):

PS No.	I am (Customer)	I'm trying to	But	Because	Which makes me feel
PS- 1	Expectant parent	Monitor my baby's health	I lack medical expertise	CTG data is complex	Anxious about fetal safety
PS- 2	Obstetrician	Assess fetal health quickly	Manual CTG analysis is slow	It requires specialized skills	Overwhelmed by workload
PS- 3	Midwife	Provide accurate prenatal care	I can't interpret CTG data reliably	Limited access to tools	Insecure about patient outcomes
PS- 4	Medical researcher	Study fetal health patterns	Data analysis is time consuming	Manual classification is error-prone	Frustrated by inefficiencies
PS- 5	Healthcare administrator	Improve prenatal care efficiency	Current tools are limited	They lack automation	Concerned about costs and delays

PS- 6	AI/ML student	Build a fetal health prediction model	I lack robust datasets	CTG data is scarce	Limited in project scope
PS- 7	Public health worker	Educate communities on prenatal care	No easy tools for CTG analysis	Technology access is limited	Helpless in supporting locals