Project Initialization and Planning Phase

Date	13 May 2025
Student Name	Prathmesh Arvind Kumbhar
Project Name	BloodBridge: Optimizing Lifesaving Resources using RDS, EC2
Maximum Marks	3 Marks

Problem Statements

PS No.	I am (Customer)	I'm trying to	But	Because	Which makes me feel
PS-1	A hospital administrator (Sarah)	Request rare blood urgently during emergency	It takes too long to find matching donors	Manual coordination is slow	Helpless and anxious in saving patient lives
PS-2	A regular donor (John)	Manage and schedule my blood donations	I'm not sure when I'm eligible or where to go	I don't get updates on nearby donation drives	Disconnected from helping regularly
PS-3	A blood bank manager (Lisa)	Update and broadcast realtime inventory	My current system doesn't sync across hospitals	No centralized, real-time update tool	Frustrated and worried about mismanagement