

## Project Initialization and Planning Phase

<b>Date</b>	14 May 2025
<b>Student Name</b>	Laxman Maryappa Patil
<b>Project Name</b>	BloodBridge: Optimizing Lifesaving Resources using RDS, EC2
<b>Maximum Marks</b>	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 real-time inventory	My current system doesn't sync across hospitals	No centralized, real-time update tool	Frustrated and worried about mismanagement