**Project Initialization and Planning Phase**

|  |  |
| --- | --- |
| **Date** | 15 May 2025 |
| **Student Name** | Priyanka M. Shripannavar |
| **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 |