

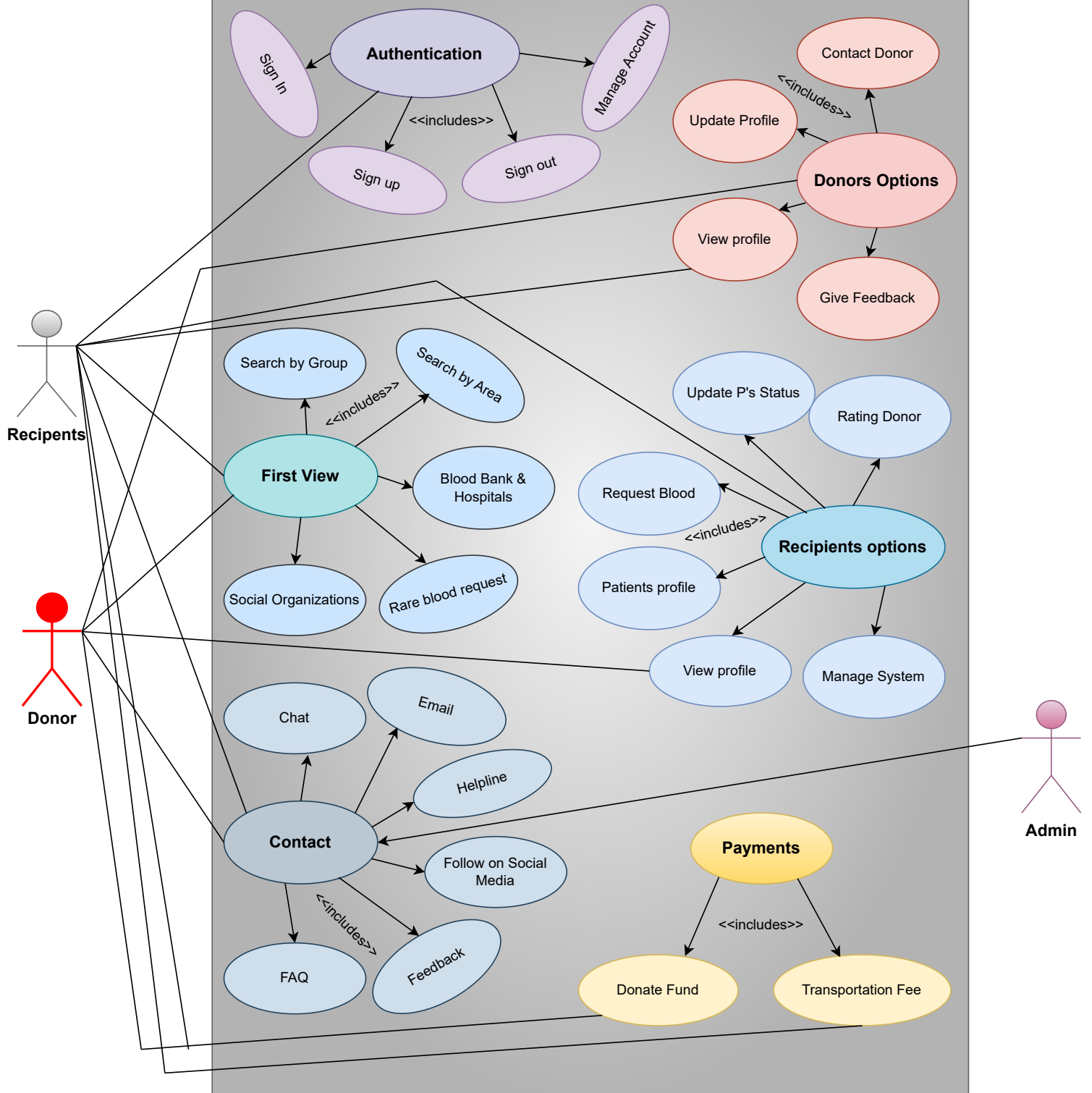
## Usage Scenario : Blood Donation Management Process

The Blood Donation Management Process (BDMP) is designed to streamline the blood donation process for donors, recipients, and administrators. **Donors** can **register**, **sign in**, and manage their profiles within the system, where they can input personal details such as **blood type**, **age**, **last donation date**, **health status** and **preferred donation locations**. Donors can ensure their **availability** known for donations based on real-time needs. Donors also have the flexibility to **receive notifications** for donation drives and **urgent requests** in their surroundings, ensuring that they are promptly aware of critical blood requirements. Besides donors can **donate money** and **update** their profile if they donate blood manually.

**Recipients or hospitals** seeking blood donations can place requests within the system by specifying the required **blood type**, **location**, and **urgency level**. Once a **request is generated**, the system alerts potential donors within the specified area who match the blood type and eligibility criteria. The system facilitates seamless communication between the requester and potential donors by displaying **contact information**, allowing for faster coordination in cases of emergency. This feature ensures that life-saving blood donations are accessible in the shortest possible time, with minimum delays.

For **administrators**, the BDMP offers tools to **monitor blood donation trends**, **manage blood inventory**, and track the movement of donations. The administrative panel allows authorized users to **verify donor profiles**, **update availability statuses**, and **organize donation events** based on data-driven insights. Through analytics and reporting features, administrators can evaluate **donation frequency**, **blood type availability**, and **response times**, enhancing overall efficiency. Additionally, the system includes options to **track donor feedback**, enabling continuous improvement of donation services and fostering a supportive community of life-saving donors.

# Emergency Blood Donation System



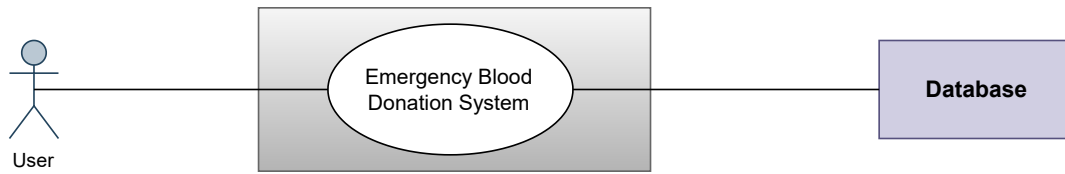


Figure 1 : Level 0 for Emergency Blood Donation System

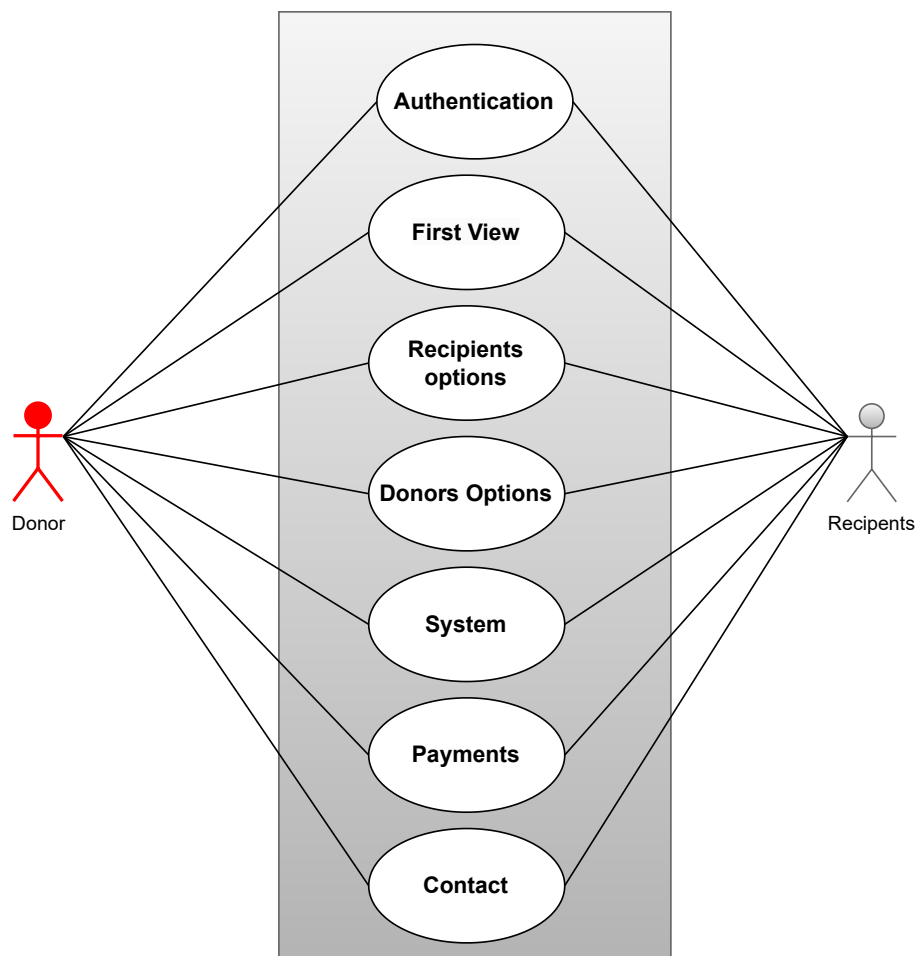


Figure 2 : Level 1 for Emergency Blood Donation System

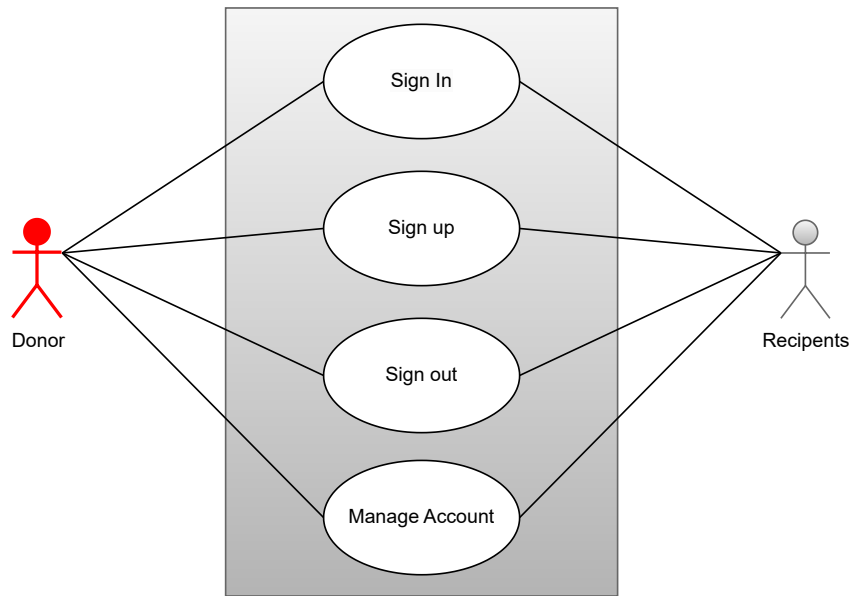


Figure 3 : Level 2.1 Authentication for Emergency Blood Donation System

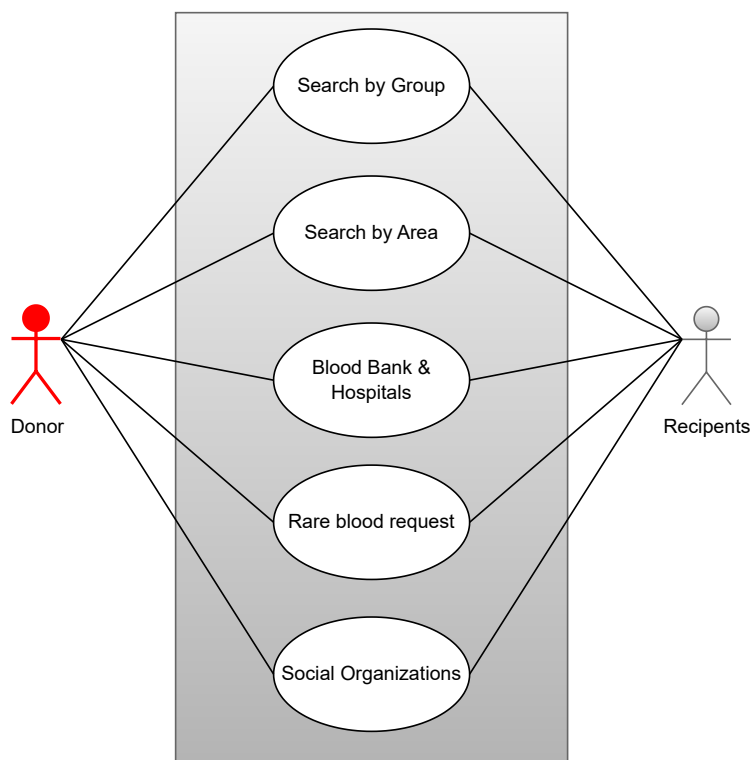


Figure 4 : Level 2.2 First View for Emergency Blood Donation System

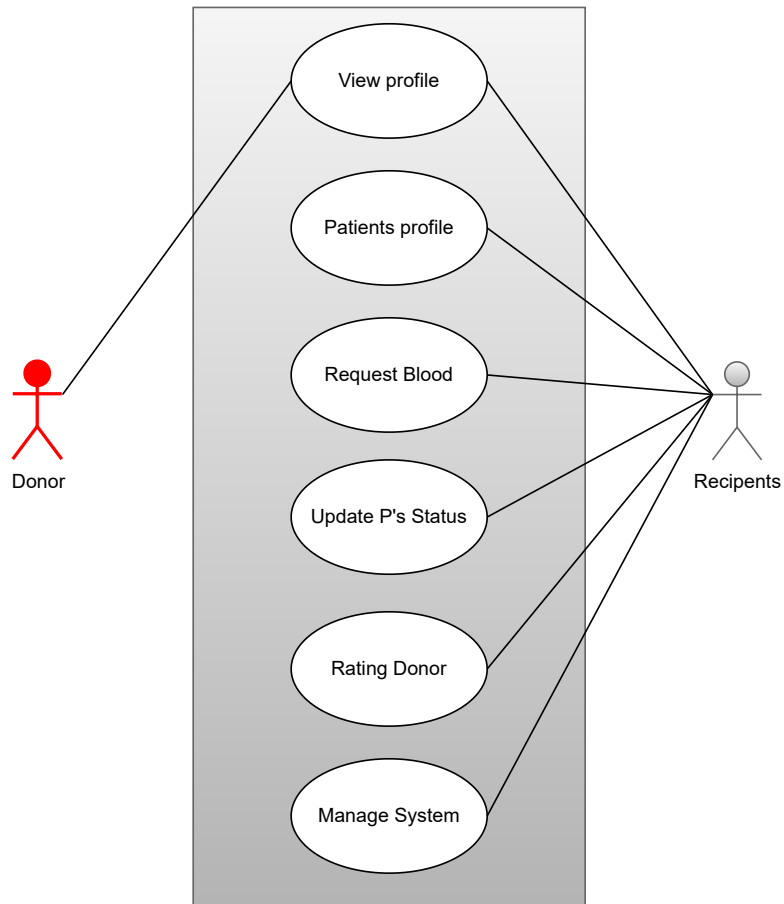


Figure 5 : Level 2.3 Recipients options for Emergency Blood Donation System

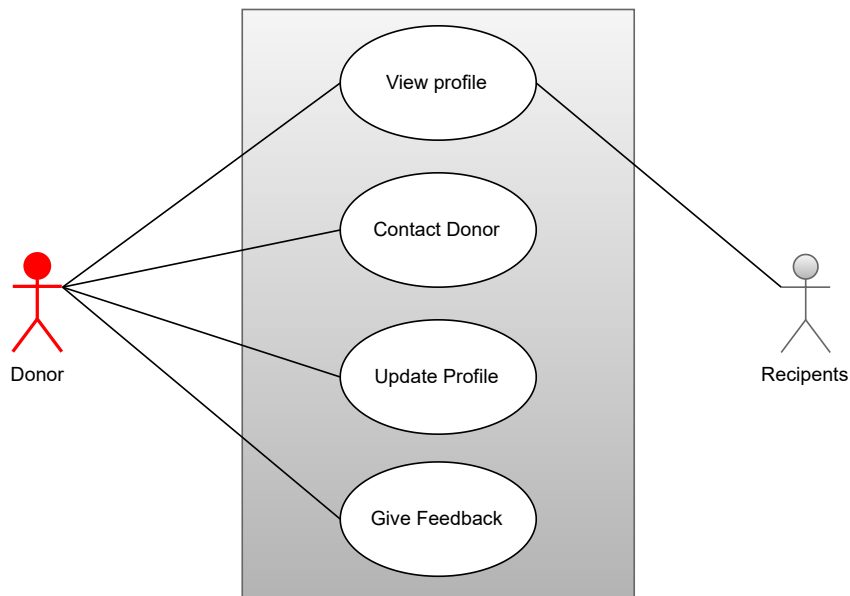


Figure 6 : Level 2.4 for Donors options Emergency Blood Donation System

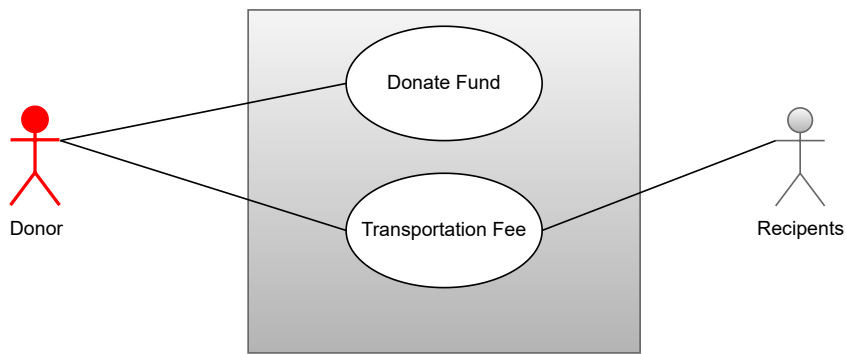


Figure 8 : Level 2.6 Payments for Emergency Blood Donation System

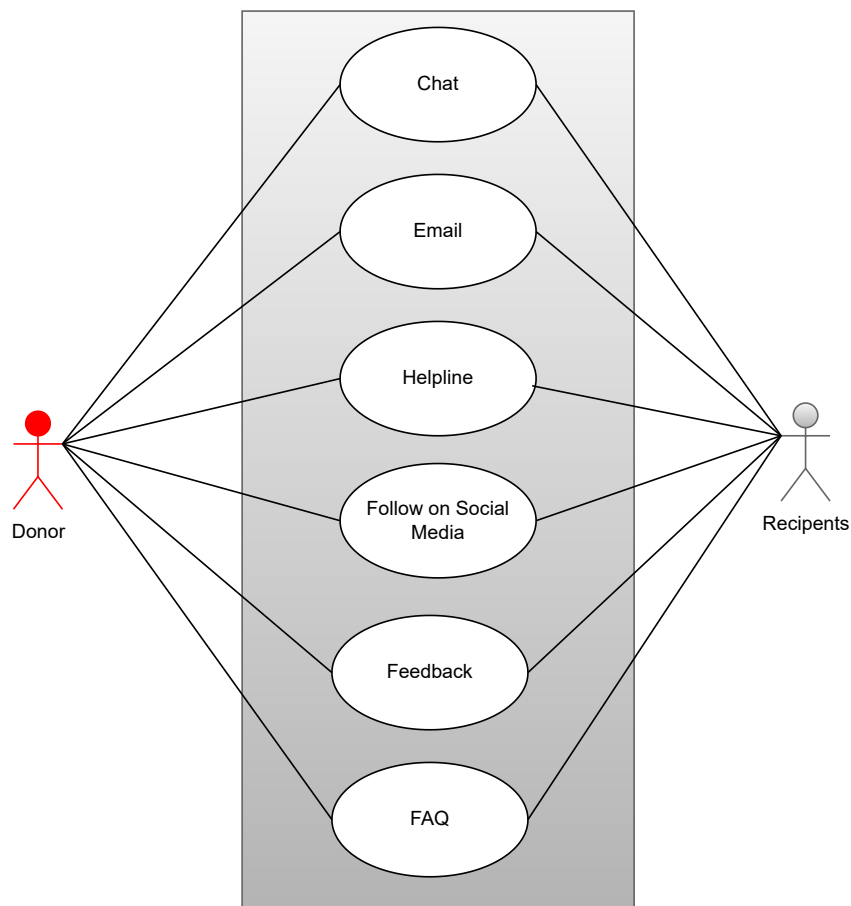


Figure 9 : Level 2.7 Contact for Emergency Blood Donation System