

**Title of the project : Blood Aid**

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**List of Team Members:**

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**Project Overview :** This Java application serves as a user-friendly platform connecting blood donors and recipients, addressing the growing demand for blood donations. It offers key functionalities such as donor/recipient registration, blood request posting, neighborhood-based donor searches, and personal profile management. With an intuitive interface, donors can showcase their blood type, donation status, and availability, while recipients can easily find and contact donors. Real-time notifications keep users updated on new requests, ensuring urgent needs are met.

**Motivation behind the project:** The motivation behind this project is to create a secure, non-profit platform that directly connects blood donors and recipients, ensuring timely support for urgent blood needs. Unlike traditional methods, this system fosters community engagement, accelerates the donation process, raises awareness, and ultimately enhances public health by saving lives.

**Key features of the project:**

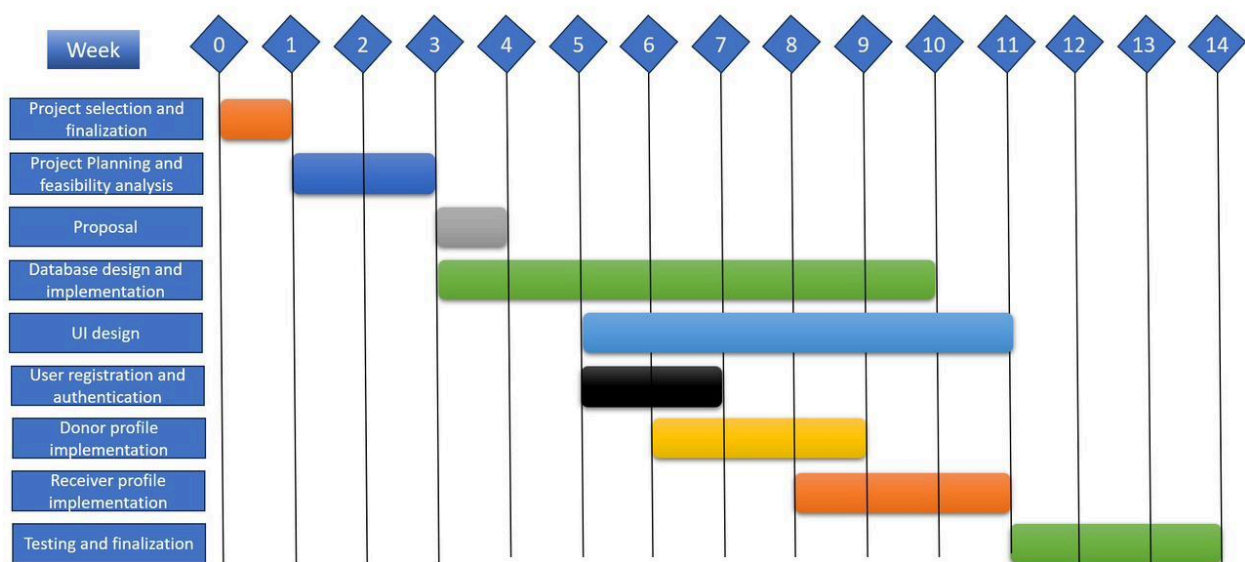
**\*\* Donor :** i) User Authentication  
ii) Blood Request List  
iii) Eligibility Status  
iv) Donation History  
v) Point Reward System

**\*\*Recipient:** i) Request for blood any time

- ii) Filtered Search For Blood (By region and Blood Group)
- iii) Contact with donor
- iv) Login

**Tools and Technology:** Java (IntelliJ IDEA), SQL (Mysql), Github

## Timeline:



Class Diagram:

