**Objective**: To create a common platform to connect each & every blood bank across the country which will provide the real-time availability of blood of various blood groups, sorted by distance, from the user to the blood bank.

**Methodology**: We will create a common web-based interface for blood banks to register and provide necessary data. Users can access this data through our android app. Our app will provide details about nearest blood banks which currently have required compatible blood according to the needs of the user. Users can also increase the search radius from his location to find other nearby banks.

**Implementation**: We will create 2 different interfaces:-

For admin (blood banks): We will create a Web API using python where data provided by admin will be stored.

For Users: Users can interact with this data through our android app made which will fetch data from our Web API.

**Benefits**: This app will reduce the time taken by the user for searching blood of the required blood group substantially. It will be very helpful in emergency situations.

**Innovation:** Our idea is unique as it connects various blood banks together through a common platform and also provide accurate minimum distance from the user. It will provide increased inter-connectivity between blood banks.

**Future Scope:** Our idea can be expanded to incorporate and solve other real-life problems. This concept can be applied to various sectors like organ banks, food banks, medicine stores, etc. It can also be used for searching available specialist doctors nearby which can prove to be life-saving.