**Document conventions:**

A **recipient**(who is in emergency to get blood from any source)can find out a specific **blood type**(available blood groups are A+, A-, B+, B-, O+, O-, AB+, AB-) by this application. There are available group of blood in our **stock**(here one can check out of distinguished donors and availability) which will be donated by healthy and physically stable **donors** (who are cordially interested to donate blood). One can **search** (the way to find out) to get blood using the **location map** (the place where blood is needed) and blood group. The recipient will be **notified**(after checking) with needed information. Every information about donors and stock will be **updated** (change of any information) dynamically. Donors also provide the **active status**(available or not). One can also **review**(statements) a donor.

**Design and Implementation Constraints:** There are some constraints which cost more for the system. If those constraints can overcome then this whole system will perform best. They are –

1. IOS app and windows app.
2. Information flow or data flow can be controlled and more effective.
3. Java can be used for more security and animation.
4. No donor is available.
5. Wrong update or information.
6. Systematically errors.
7. Mistakes of searching.

**User Documentation:**

Tapping search button recipient can identify available donors in provided location. He can also check donors in stock and know him/her observing their profile and reviews by previous recipients. A donor can also change his information.