# Functional Requirements

The following requirements were derived after contacting a consultant in Badulla blood bank. These requirements are also based on the responses received on the public survey.

## Donate blood

* A user shall be able to login to the system.
* Then he/she can enter the city of their wish to donate blood.
* Then he/she can select a donation camp of their choice and see time slots ,then user can mark as going or as interested.
* Once a person donate blood he is restricted of donating blood for 4 months and email is send appreciating him for donating blood.
* When a donor register to a camp he/she gets an reminder the day before camp.

## Blood donation camps

* Blood banks and donors can enter a location in which they want to search blood donation camps.
* The Organizer of the donation camp can edit some details like name , description etc.
* Blood banks can browse the blood donation camps assigned to their blood bank and edit delete details.
* Blood bank has ability to
* When the donation camp has ended blood bank is able to update the no of people who donated blood. And based on that a detailed report is generated.

## Requesting blood

* When a blood bank runs out of blood the particular blood bank will be able to request blood from another blood banks around the island .
* Also blood banks can request blood from registered users who lives in the same area that blood bank is located.

## Adding posts

* When a typical blood bank runs out of particular blood type it can post a post.
* And when blood Banks has announcements to post they can post them.
* When someone who is close to a registered person is hospitalized and is in need of blood he/she can post a post requesting for blood so other users can see that post.

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