

BLOOD

BANKING

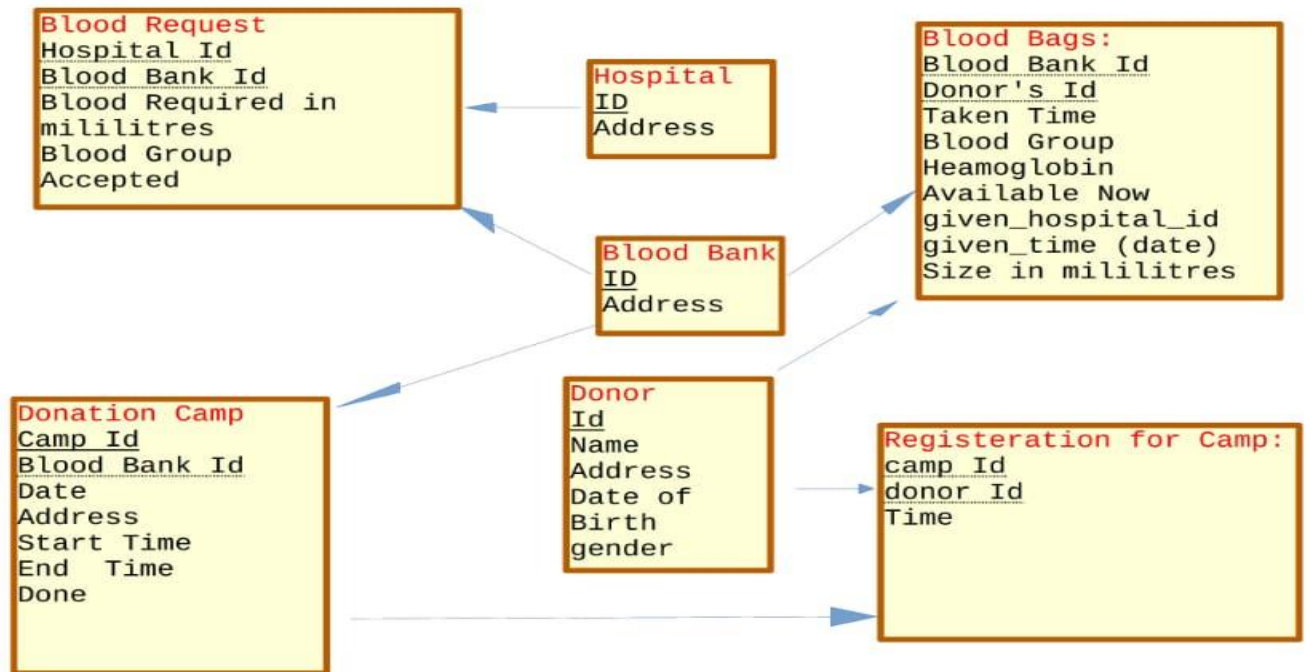
Group number:- 14

Prajwal Surpam 111703047

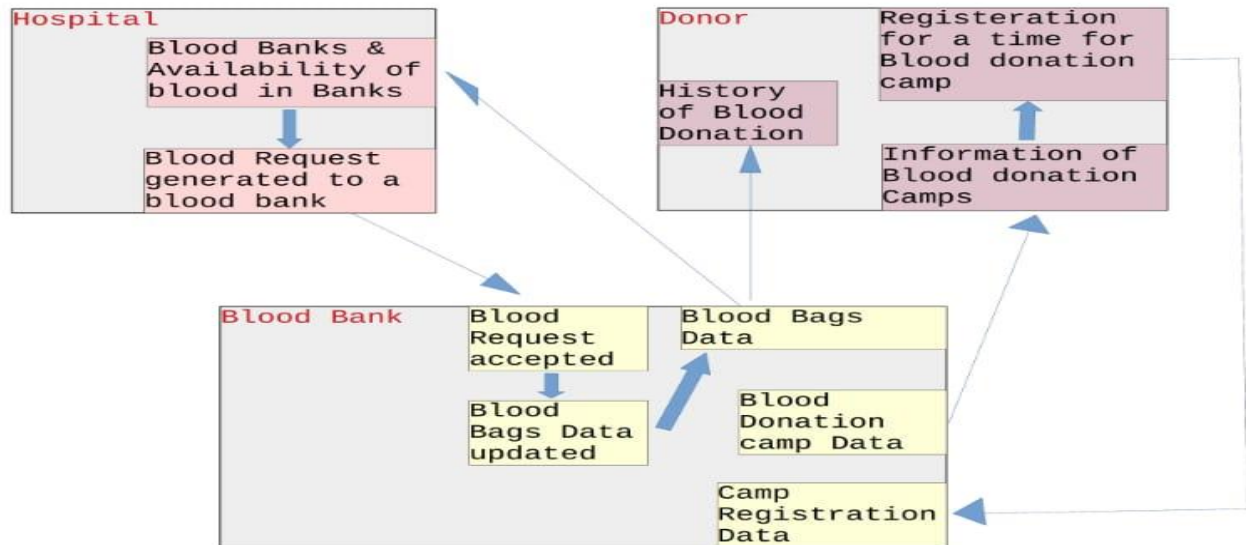
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ER Diagram:-



UML Diagram:-



Test case design And Execution:-

Test Case 1:

Title : Login as Hospital

Description : Hospital should log in successfully

Preconditions : Hospital must already be registered and use their details

Assumptions : They should be using supported network and browser

Test Steps :

- 1) Open website**
- 2) Enter Username and password**
- 3) Click "login"**

Expected Result : The Hospital should log in successfully

Test Case 2:

Title : Login as Blood Bank

Description : Blood Bank should log in successfully

Preconditions : Blood Bank must already be registered and can use their details

Assumptions : They should be using supported network and browser

Test Steps :

- 1) Open website**
- 2) Enter username and password**
- 3) click login**

Expected Result : Blood Bank should log in successfully

Test Case 3:

Title : Donor login

Description : Donor should log in successfully

Preconditions : donor must already be registered and can use their details

Assumptions : they should be using supported network and browser

Test Steps:

- 1) Open website**
- 2) Enter username and password**
- 3) click login**

Expected Result : Donor should log in successfully

Test Case 4:

Title : Hospital Sending Blood Request to Blood Bank

Description : Hospital should send a Blood request to Blood Bank

Preconditions : Blood Bank should be available with the blood.

Assumptions : Hospital and Blood Bank are registered

Test Steps:

- 1) Click Request**
- 2) Select nearest Blood Bank**
- 3) Click Send**

Expected Result : Request to the Blood Bank is Sent

Test Case 5:

Title : Donor registration for Blood Donation Camp

Description : Donor should register to the blood donation camp and can see his history of blood donation

Precondition : There should be available donation camps provided by Blood Bank

Assumption : Donor is registered

Test Steps:

- 1) Click Blood Donation Camps**
- 2) Select Camp needed**
- 3) Enter suitable time**
- 4) Click Register**

Test Case 6:

Title : Updating of Blood Bags

Description : Blood Banks can update their availability of blood bags

Precondition : Blood Banks are registered

Test Steps :

- 1) Click Update**
- 2) Remove Blood Bags given to Hospital**

3) Add Blood Bags newly added

4) Click Ok

Expected Result : blood bags are successfully updated

Test Case 7:

Title : Adding Blood Donation Camp

Description : Blood Banks can add their upcoming Blood Donation Camps

Preconditions : Blood Banks are registered

Test Steps:

1) Click Add Blood Donation Camp

2) Add timing and Address

3) Click Register

Expected Result : Blood Donation Camps are registered successfully

Requirement traceability

Tables:-

Sr.no.	Requirement	Test Case	Result
1	Hospital Login	Test Case 1	Passed
2	Donor Login	Test Case 3	Passed
3	Blood Bank Login	Test Case 2	Passed
4	Hospital sending Blood request to Blood Bank	Test Case 4	Passed
5	Blood Bank Updating Blood Donation Camps and Blood Bags availability	Test Case 6 & 7	Passed
6	Donor seeing its blood donation history and Registering for Blood Donation Camp	Test Case 5	Passed