**Users**

|  |  |  |
| --- | --- | --- |
| **Admin** | | **Patient** |
| **Volunteers** | **Donor** |
| \* Name | \* Name | \* Name |
| \* Email | \* Email | \* Email |
| \* Phone | \* Phone | \* Phone |
| \* Address | \* Address | \* Address |
| # id | # id | Needed  Blood |
| # Password | # Password |  |
| # Blood Group | # Blood Group |  |
| # Donation  Status | # Donation  Status |  |
| Donor Visibility  (No) | Donor Visibility  (Yes) |  |

* **Blood Bank Interface:**

* Search Blood (by Blood Group)
* Search Blood (by Blood Group &Location)
* Search Volunteer by Location
* **UserInterface implements BloodBankInterface:**

* Search Blood (by Blood Group)
* Search Blood (by Blood Group &Location)
* Search Volunteer by Location
* **AdminInterface extends UserInterface:**

* Log in
* Log out
* Reset Password
* Update Donation Status
* **PatientInterface extends UserInterface:**

* **VolunteerInterface extends AdminInterface:**

* Add Volunteer
* Add Donor
* Delete Donor
* Show All Donors
* Show All Donors by Blood Group
* Shoe All Donors by Location
* **DonorInterface extends UserInterface:**

**GUI**

Gui-1: HomepageGUI

Gui-2: PatientGUI

Gui-3: SearchbyBloodGUI

Gui-4: SearchbyBloodLocationGUI

Gui-5: SearchVolunteerLocationGUI

Gui-6: AdminGUI

Gui-7: DonorGUI

Gui-8: VolunteerGUI

Gui-9: AddVolunteerGUI

Gui-10: AddDonorGUI

Gui-11: UpdateDonationStatusGUI

Gui-12: ResetPasswordGUI

Gui-13: DeleteDonorGUI

Gui-14: ShowAllDonorsBloodGroupGUI

Gui-15: ShowAllDonorsLocationGUI