

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:**

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❖ **VolunteerInterface extends AdminInterface:**

- Add Volunteer
- Add Donor
- Delete Donor
- Show All Donors
- Show All Donors by Blood Group
- Show All Donors by Location

❖ **DonorInterface extends UserInterface:**

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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