

BLOOD MANAGEMENT SYSTEM

Group Members

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Home page



Blood Bank

Home Inventory About Contact

Login Signup

Register Donor

Add New

View Donor Record

View

Gallery

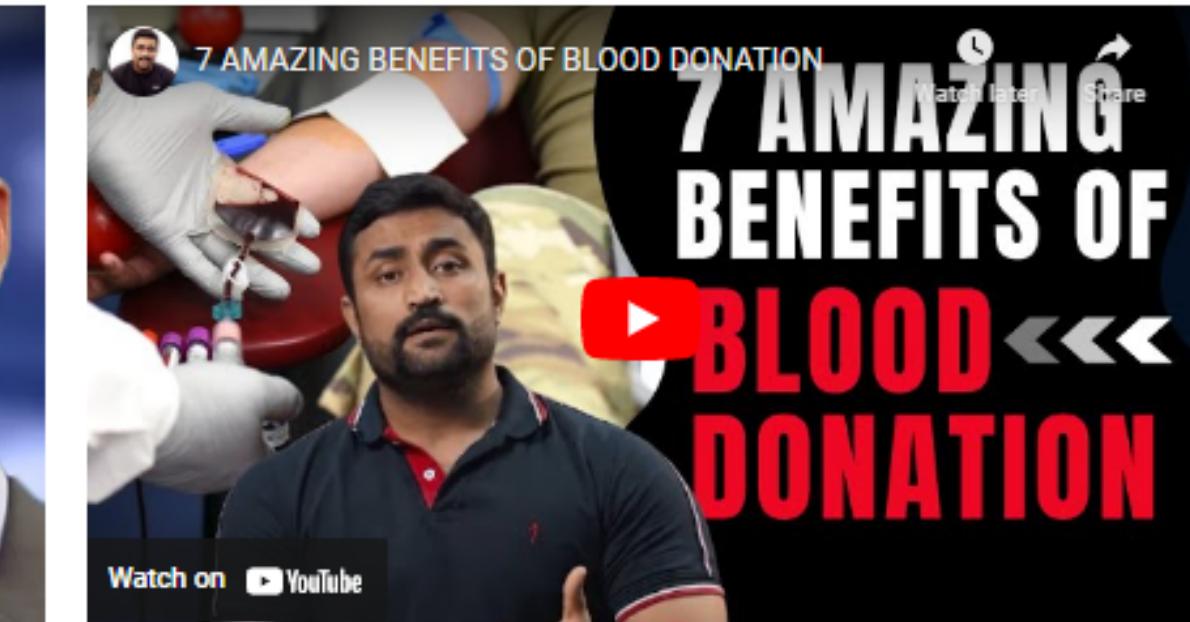


Home page

Gallery



Video



Sign Up page



Blood Bank

Home Inventory About Contact

Login Signup

Sign Up

Name

Email

Password

Confirm Password

Sign Up

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About Page



Blood Bank

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Blood Bank Management System

About

Welcome to our Blood Bank Management System. Our blood bank is a vital healthcare facility that collects, tests, processes, and stores donated blood for transfusion purposes. It serves as a lifeline in medical emergencies, surgeries, and treatments for patients in need of blood transfusions. Blood banks play a crucial role in maintaining an adequate supply of blood products, ensuring the availability of different blood types and components. They follow strict quality and safety standards to ensure the donated blood is safe for transfusion. Through voluntary blood donations, blood banks contribute to saving countless lives and improving the health of individuals in communities.

Our Mission

Our mission is to meet the increasing demand for blood and blood products while upholding the highest standards of safety, quality, and service. Through our dedicated team, advanced technologies, and community engagement, we aim to make a positive impact on the lives of patients, empower blood donors, and collaborate with healthcare partners to enhance patient care and outcomes.

Why Choose Us?

- Experienced team of professionals
- High-quality blood storage facilities
- Efficient blood donation and distribution system
- Strict adherence to safety and quality standards

Our Vision

Our vision is to ensure a constant and readily available supply of safe and high-quality blood to meet the healthcare needs of our community, saving lives and promoting the well-being of individuals in times of emergency and medical treatments.

Contact Page

 **Blood Bank** Home Inventory About Contact

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Contact Information

Email: meharaliaftab0306@gmail.com
Phone: +92-306-4096977

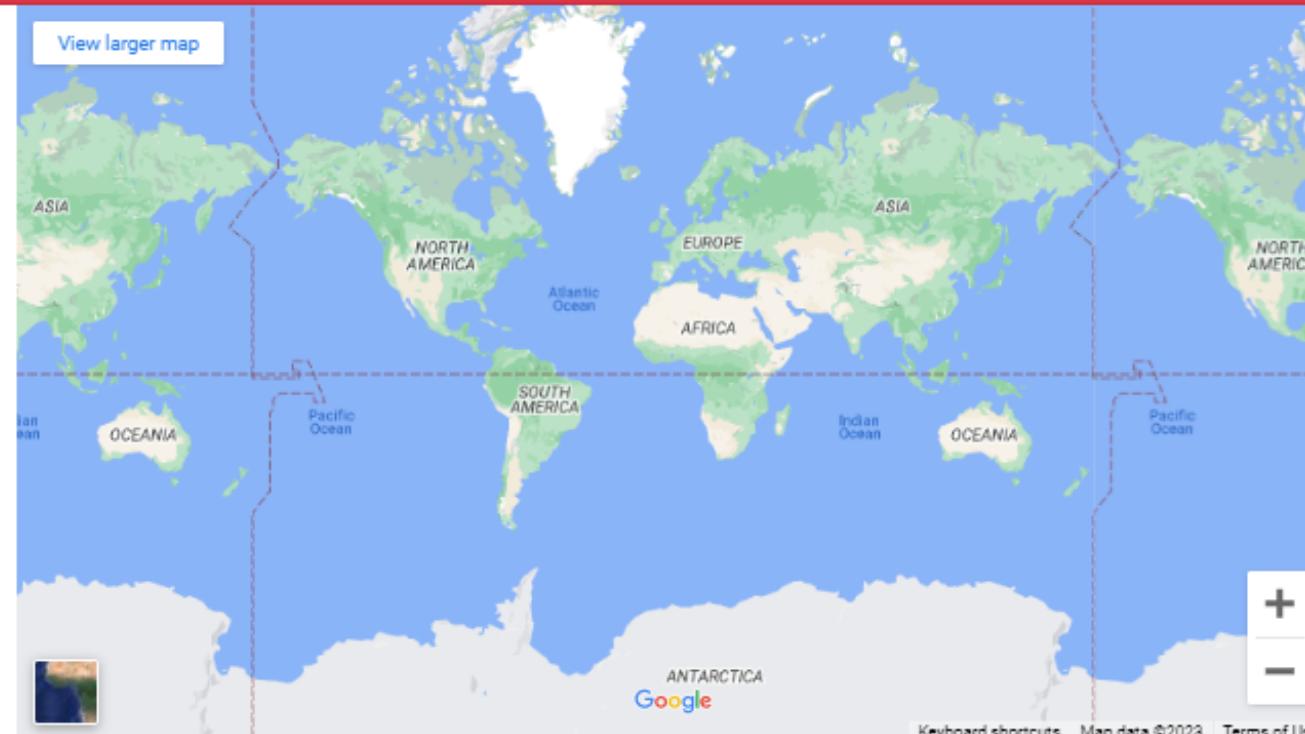
Email: hussnainrajpoot5415@gmail.com
Phone: +92-305-6046838

Email: jawadahmad52106@gmail.com
Phone: +92-309-4234851

Email: abdullahnehal505@gmail.com
Phone: +92-302-5808834

Address: Dream Avenue Housing Scheme, Lahore, Punjab, Pakistan

Location



Donor form



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Donor Form

Full Name:

Email:

Phone:

Blood Group:

Last Donation Date:

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Donor Data Crud



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Donor Details

| ID | Name | Email | Phone Number | Blood Group | Last Donation Date | Action |
|----|-----------------|-----------------------------|--------------|-------------|--------------------|-------------------------------------------------|
| 1 | abdullah | abdullahnehal505@gmail.com | 1122 | B+ | 0002-01-02 | <button>Update</button> <button>Delete</button> |
| 2 | ali aftab | 70110789@student.uol.edu.pk | 1122 | A+ | 2023-05-31 | <button>Update</button> <button>Delete</button> |
| 3 | Rana jawad | 70111138@student.uol.edu.pk | 1122 | B- | 2023-06-02 | <button>Update</button> <button>Delete</button> |
| 4 | hussnain Arshad | abdullahnehal50@yahoo.com | 1122 | AB+ | 2023-06-14 | <button>Update</button> <button>Delete</button> |

[←Back](#)

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Inventory Insert



Blood Bank

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Add Inventory

Blood Type:

Select your blood group

Quantity:

Status:

Select Status

Submit

Inventory



Blood Bank

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Inventory

| Blood Type | Quantity | Status | Action |
|------------|----------|-----------|-------------------------------------------------|
| A+ | 3 | Available | <button>Update</button> <button>Delete</button> |
| B+ | 5 | Available | <button>Update</button> <button>Delete</button> |
| O+ | 3 | Low Stock | <button>Update</button> <button>Delete</button> |
| O+ | 3 | Low Stock | <button>Update</button> <button>Delete</button> |
| AB+ | 3 | Available | <button>Update</button> <button>Delete</button> |
| B+ | 3 | Available | <button>Update</button> <button>Delete</button> |

Add New Stock

Add New

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Migrate Table

.env

```
DB_CONNECTION=mysql  
DB_HOST=127.0.0.1  
DB_PORT=3306  
DB_DATABASE=bloodbank  
DB_USERNAME=root  
DB_PASSWORD=
```

```
1 <?php
2
3     use Illuminate\Database\Migrations\Migration;
4     use Illuminate\Database\Schema\Blueprint;
5     use Illuminate\Support\Facades\Schema;
6
7     /**
8      * Run the migrations.
9      *
10     * @return void
11     */
12
13     /**
14      * Schema::create('inventory', function (Blueprint $table) {
15      *     $table->id();
16      *     $table->string('blood_type');
17      *     $table->integer('quantity');
18      *     $table->string('status');
19      *     $table->timestamps();
20      *
21      * });
22      */
23 }
24 }
```

Models

Models

Bank.php

Inventory.php

Login.php

User.php

Bank.php

app > Models > Bank.php > ...

```
1 <?php
2
3 namespace App\Models;
4
5 use Illuminate\Database\Eloquent\Factories\HasFactory;
6 use Illuminate\Database\Eloquent\Model;
7
8 class Bank extends Model
9 {
10     use HasFactory;
11     protected $table = 'bank';
12     protected $primaryKey = 'id';
13     protected $fillable = ['name', 'email', 'phoneno', 'bloodgroup', 'lastdonationdate'];
14 }
15 }
```

Controllers

- ✓ app
 - > Console
 - > Exceptions
 - ✓ Http
 - ✓ Controllers
 - ⌚ Controller.php
 - ⌚ InventoryController.php
 - ⌚ LoginController.php
 - ⌚ RecordsController.php

```
16     public function create()
17     {
18         //
19     }
20     /**
21      * Store a newly created resource in storage.
22      */
23     public function store(Request $request)
24     {
25         //
26     }
27     /**
28      * Display the specified resource.
29      */
30     public function show(string $id)
31     {
32         //
33     }
34     /**
35      * Show the form for editing the specified resource.
36      */
37     public function edit(string $id)
38     {
39         $data = Inventory::find($id);
40         return view('bloodbank.edit1', compact('data'));
41     }
42     /**
43      * Update the specified resource in storage.
44      */
45     public function update(Request $request, string $id)
46     {
47         //dd("ok");
48         $data = Inventory::find($id);
49         $input = $request->all();
50         $data->update($input);
51         return redirect('/inventory');
52     }
53     /**
54      * Remove the specified resource from storage.
55      */
56     public function destroy(string $id)
57     {
58         //
59     }
60 }
```

Routes

web.php X

routes > web.php > ...

```
1  <?php
2  use Illuminate\Support\Facades\Route;
3  use App\Http\Controllers\RecordsController;
4  use App\Http\Controllers\InventoryController;
5  use App\Http\Controllers\LoginController;
6  Route::get('/', function () {
7      return view('welcome');
8  });
9  Route::resource("/bloodbank", RecordsController::class);
10
11 Route::resource("/bloodbank/inventory", InventoryController::class);
12 Route::get('/home', 'App\Http\Controllers\RecordsController@index')->name('home');
13 Route::get('/inventory', 'App\Http\Controllers\RecordsController@inventory')->name('inventory');
14 Route::get('/inventory/newinventory', 'App\Http\Controllers\RecordsController@createinventory')->name('/inventory/newinventory');
15 Route::post('/storeinventory', 'App\Http\Controllers\RecordsController@storeinventory')->name('storeinventory');
16 Route::get('/about', 'App\Http\Controllers\RecordsController@about')->name('about');
17 Route::get('/contact', 'App\Http\Controllers\RecordsController@contact')->name('contact');
18 Route::get('/bloodbank/view/{id}/edit', 'App\Http\Controllers\RecordsController@edit')->name('/bloodbank/view/{id}/edit');
19 Route::get('/inventory/{id}/edit1', 'App\Http\Controllers\InventoryController@edit')->name('inventory.edit');
20 Route::patch('/inventory/{id}', 'App\Http\Controllers\InventoryController@update')->name('inventory.update');
21
22 Route::get('/login', 'App\Http\Controllers\LoginController@index')->name('login');
23 Route::post('/login', 'App\Http\Controllers\LoginController@verify')->name('login');
24 Route::get('/signup', 'App\Http\Controllers\LoginController@register')->name('signup');
25 Route::post('/signup', 'App\Http\Controllers\LoginController@registration')->name('signup');
```

Views

```
⌄ views
  ⌄ bloodbank
    about.blade.php
    contact.blade.php
    create.blade.php
    edit.blade.php
    edit1.blade.php
    footer.blade.php
    header.blade.php
    index.blade.php
    inventory.blade.php
    layout.blade.php
    newinventory.blade.php
    view.blade.php
  ⌄ Login
```

Views

inventory.php

```
58
59     <tr>
60         <th>Blood Type</th>
61         <th>Quantity</th>
62         <th>Status</th>
63         <th>Action</th>
64     </tr>
65     </thead>
66     <tbody>
67     @foreach($data as $item)
68     <tr>
69         <td>{{$item->blood_type}}</td>
70         <td>{{$item->quantity}}</td>
71         <td>{{$item->status}}</td>
72         <td>
73             <a href="{{url('inventory/'.$item->id) . '/edit1'}}">
74                 <button class="btn btn-success btn-sm">Update</button>
75             </a>
76             <form method="POST" action="{{ url('bloodbank' . '/' . $item->id) }}" style="display:inline">
77                 {{ method_field('DELETE') }}
78                 {{ csrf_field() }}
79                 <button type="submit" class="btn btn-danger btn-sm" >Delete</button>
80             </form>
81         </td>
82     </tr>
83     @endforeach
84     </tbody>
85     </table>
86     </div>
87     </div>
88     </div>
89     <div class="card customcard2" style="margin:20px;">
90         <h2 class="card-header customcard">Add New Stock</h2>
91         <div class="card-body">
92             <a href="{{ url('/inventory/newinventory') }}" class="btn cutombtn">Add New</a>
93         </div>
94     </div>
95     </body>
96     </html>
97     @include('bloodbank.footer')
98     @endsection
```

✓ Login

🐘 login.blade.php

🐘 signup.blade.php

