

# Ride Sharing of Blood Donation

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**01916000001**

## **Client**

Bangladesh blood organization

## **Service Provider**

Hasib IT Foundation

## **Project Overview**

The project relates to making web-based solution where both blood customer and doner can easily registry for emergency blood essentiality in both online and offline. The software will remove blood doner's suffering and unassay west of time and cost. This site allows several groups of bloods that is AB, A, B and O. By one click blood customers can easily apply for essential blood. There have accounting module that noted asset and feedback of both customers and doners. This site allows ride sharing system that will delivery blood as soon as possible from several center, clinic, hospital etc.

## **Justification**

Nowadays we are seeing around a doner who will give blood to save others life he has to struggle more than a blood customer. Sometimes doner have found rude behave from customers. It's very perthitic. So far, this software made an application blood ride shearing. Doner can easily give blood nearest center then it will send to customer by ride sharing. In this application, user can get help whether they register an account or not. But only some specific emergency services can be available without registration.

## **Goals**

1. Create a responsive a web application where different groups of blood consumer can manage blood from different place in a Bangladesh.
2. Build a software solution that will make ride sharing more efficient by reducing time and costs.
3. Provide an easy blood from anywhere and any kind of place in Bangladesh.

## Constraint

1. The system will work online from any suitable devices and offline any blood center.
2. Blood Ride sharing system has to be responsive medical services to be available from any critical and non critical environment and situation.
3. Security management must be set up for safety from hacker.

## Assumptions

Blood care community will provide web hosting/server and domain registration/static IP to deploy the application.

Each blood collector and donor have private account. They can do every specific blood related work.

Blood rider can contract by account find out every information quickly then they can collect and delivery fast.

## Project Duration

15 weeks.

## Project Start date

Any first day of week in month will be start if 50% payment are clear.

## Milestones/Phases with cost

Phases	Module	Description	Time	Amount (BDT)
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1	Search	Search module will be completed in this phase. Consumers will be able to know available blood, doner, and blood rider. Doner also able to delivery.	4 weeks	30,000tk
2	Booking	Booking will be added this phase. Blood consumers can book blood	5 weeks	40,000tk
		also rider and downer.		
3	Account	Account module will make this phase for collecting information, money and other asset.	3 weeks	20,000tk
4	Security Management	Manage strong security for protected blood from stolen. missing blood. Maintain all documents. recover anything.	3 weeks	20,000tk

Total			15 weeks	110,000tk
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## Delivery

A user manual if applicable.

## Payment plan

1. An advance payment of BDT 55,000 will be required to start the project.
2. Due payment must be paid based on project. Have to pay within 10 days. otherwise, fine will be considered.

## Other Terms and Conditions

1. The Advance payment becomes non-refundable after three weeks of the project initiation.
2. After the final delivery of the product, blood consumers will have a window of one (1) month to report any issues that may have been caused by the application programming. These issues will be fixed for free.
3. After one-month free support will not available then could pay still final delivery. Beside maintenance short cost fixed per year.

## Agreement

On behalf of the product/service Hasan khan CEO Hasib IT Foundation	On behalf of the client seeking product/service Name of client representative
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### Functional Requirements:

#### 1. User Registration

1.1 Software will allow users registration with email or phone number and voter id number.

1.2 Registration credentials (Voter id number) will be verified with database records.

1.3 After 1<sup>st</sup> step successful then software will take users face scene to identify.

1.4 If all step is done then software will send user name and one time password by email.

**Priority Level:** High.

**Precondition:** User should have valid id card number and real face.

#### 2. Software Login

2.2 After registration software will give perdition to login with there given username and password.

2.3 Login successful users will see their interface of account.

2.4 Unfortunately, if users forget password, then software will allow reset password with voter id number and ace scan.

2.5 Login attempt is limited not more 5 times. If users cross limit account will be block for 24 hours.

**Priority Level:** High.

**Precondition:** User should have user name and password.

### **3. Account Dashboard**

3.1 Interface of account will have several functions.

3.1 There have several groups such as blood group AB, A B, O.

3.3 Top of interface of show sort description.

### **4. Map System**

4.1 Software will give perdition to access map that both blood customer and doner will find each other.

4.2 software shows all blood center in map.

**Priority Level:** High.

### **5. Sign-out & feedback**

5.1 if users forget Sing-out account will be auto sign -out anther 24 hours.

5.2 If blood share properly or not all information will be save in database.

**Priority Level:** High.

### **Non-Functional Requirements:**

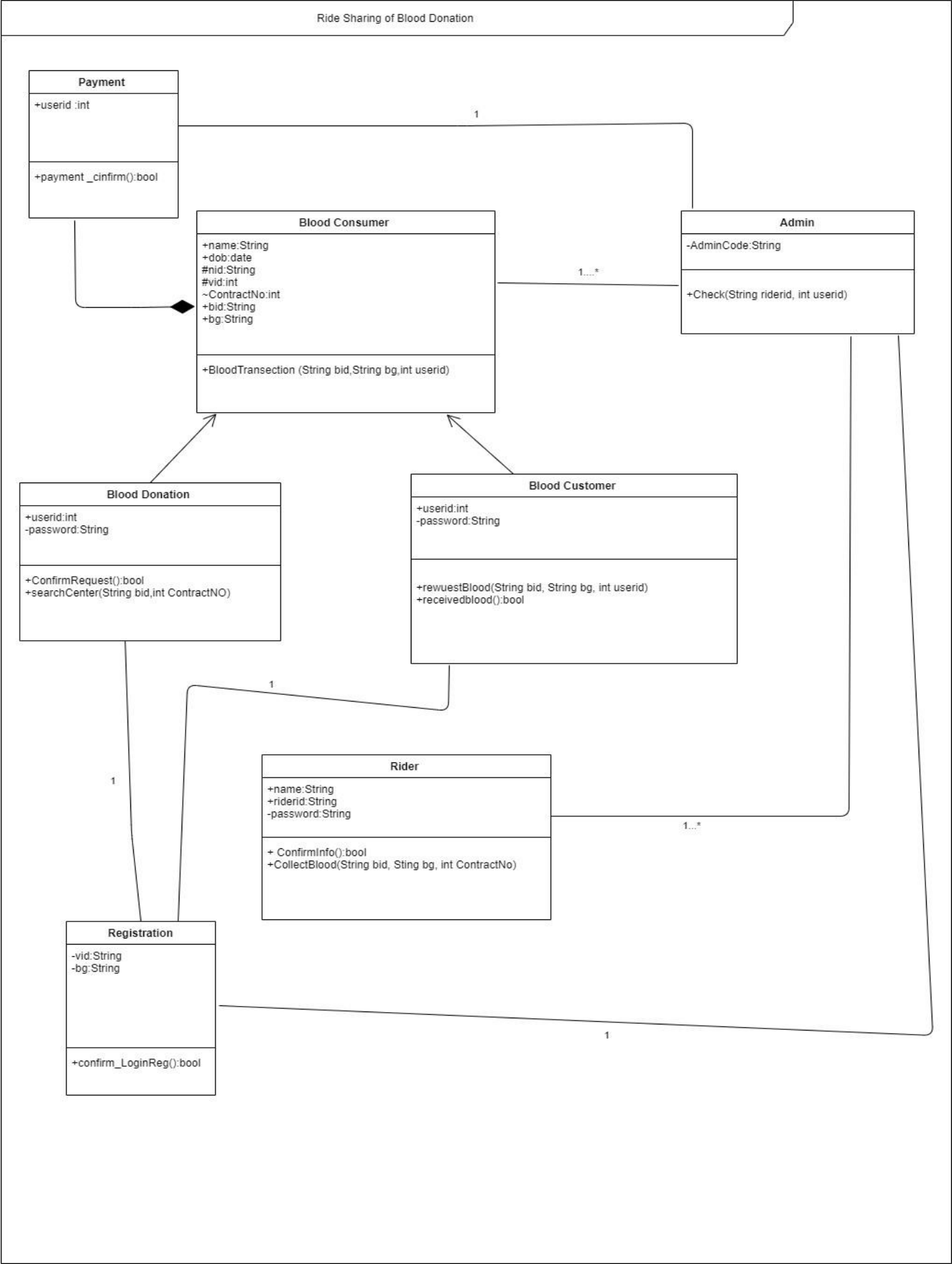
1. This will used online blood ride sharing.
2. Customer will search doner in online and contract with them.
3. Doner give their blood nearest blood center then send bool to doner by ride sharing.
4. Customer will must pay their payment in software by bank transfer if he finds proper services otherwise not.
5. Doner doesn't need pay money.

### **Tools:**

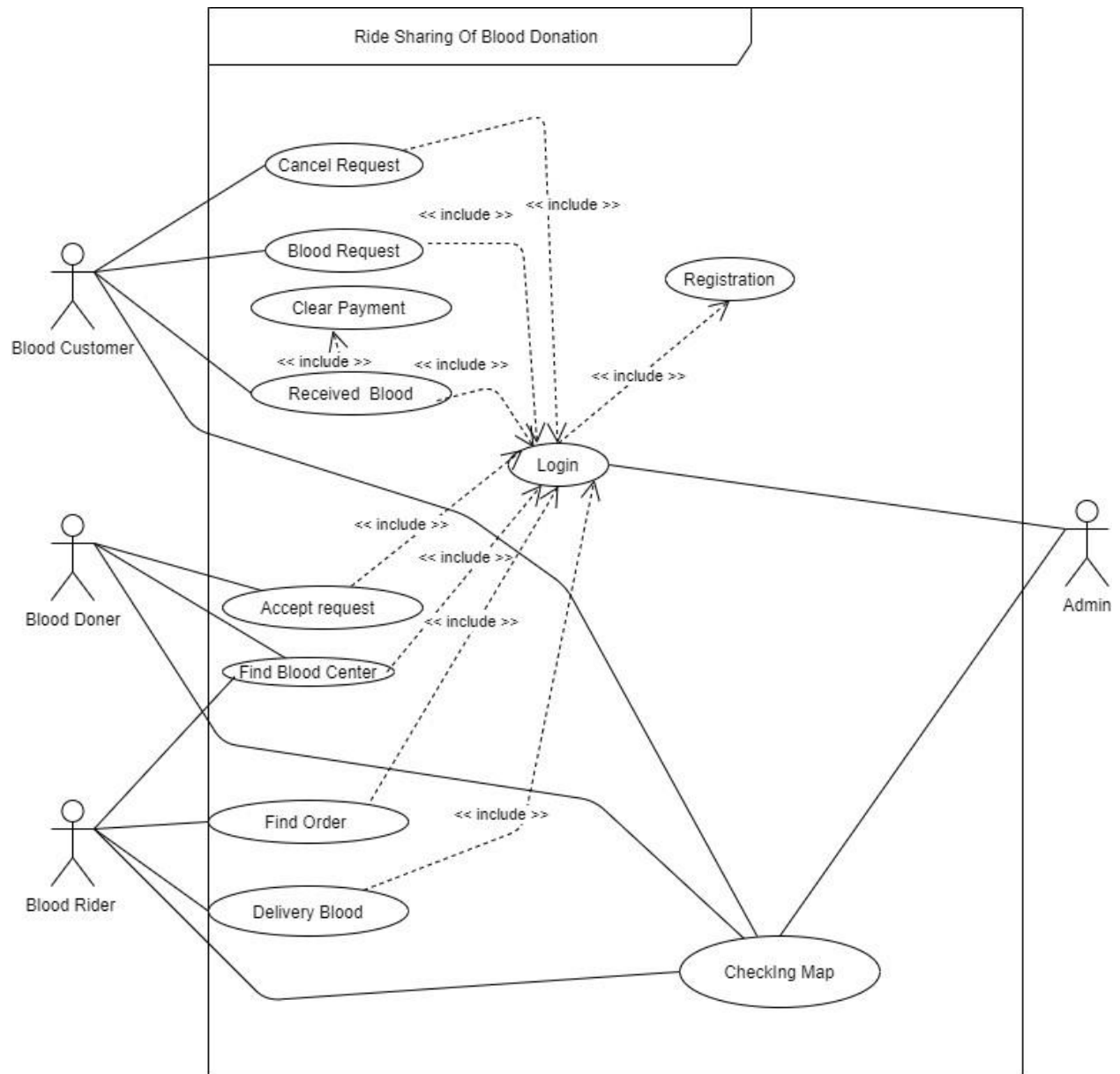
Php, JavaScript, dia, word oracle.



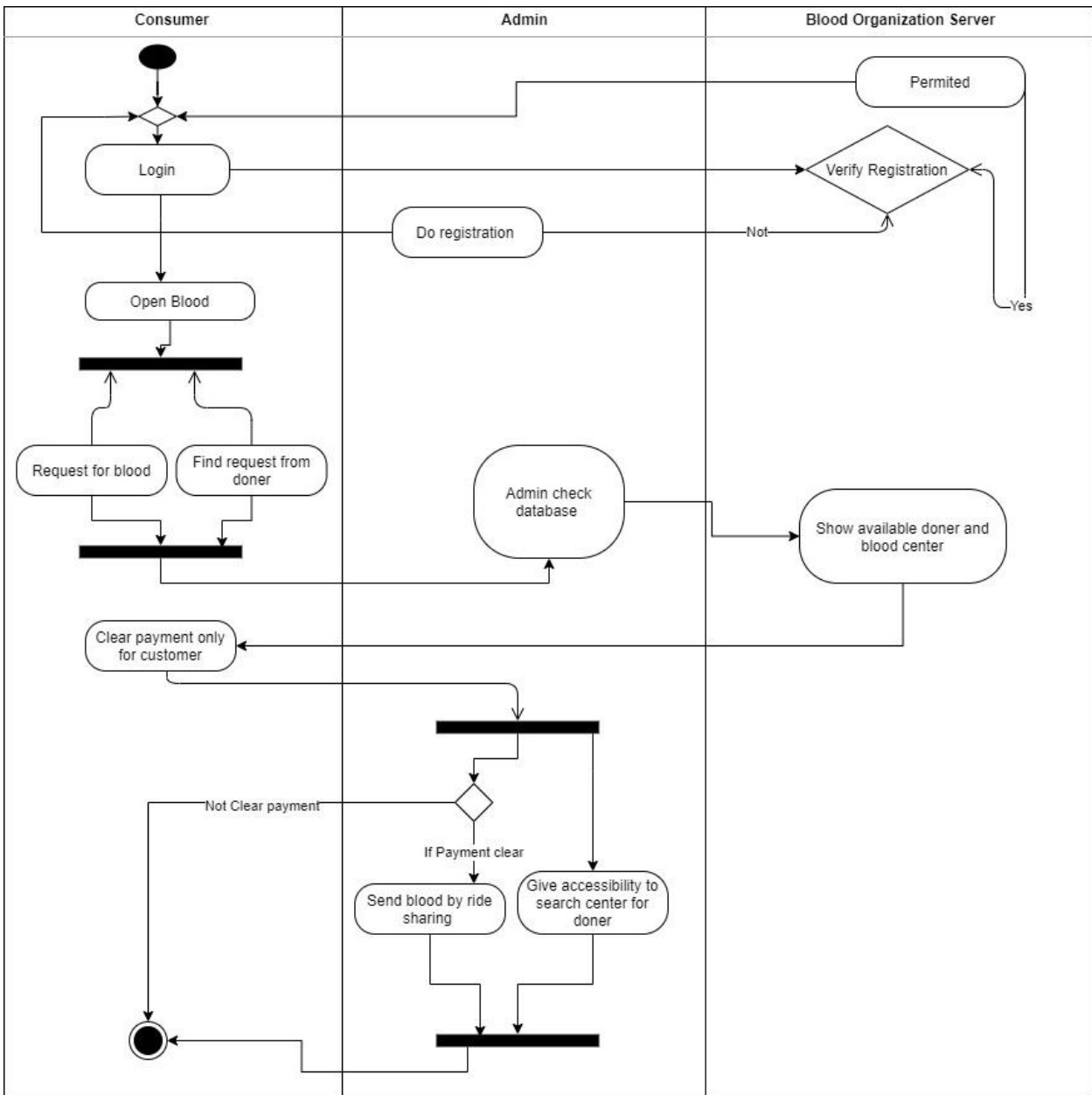
Class Diagram:



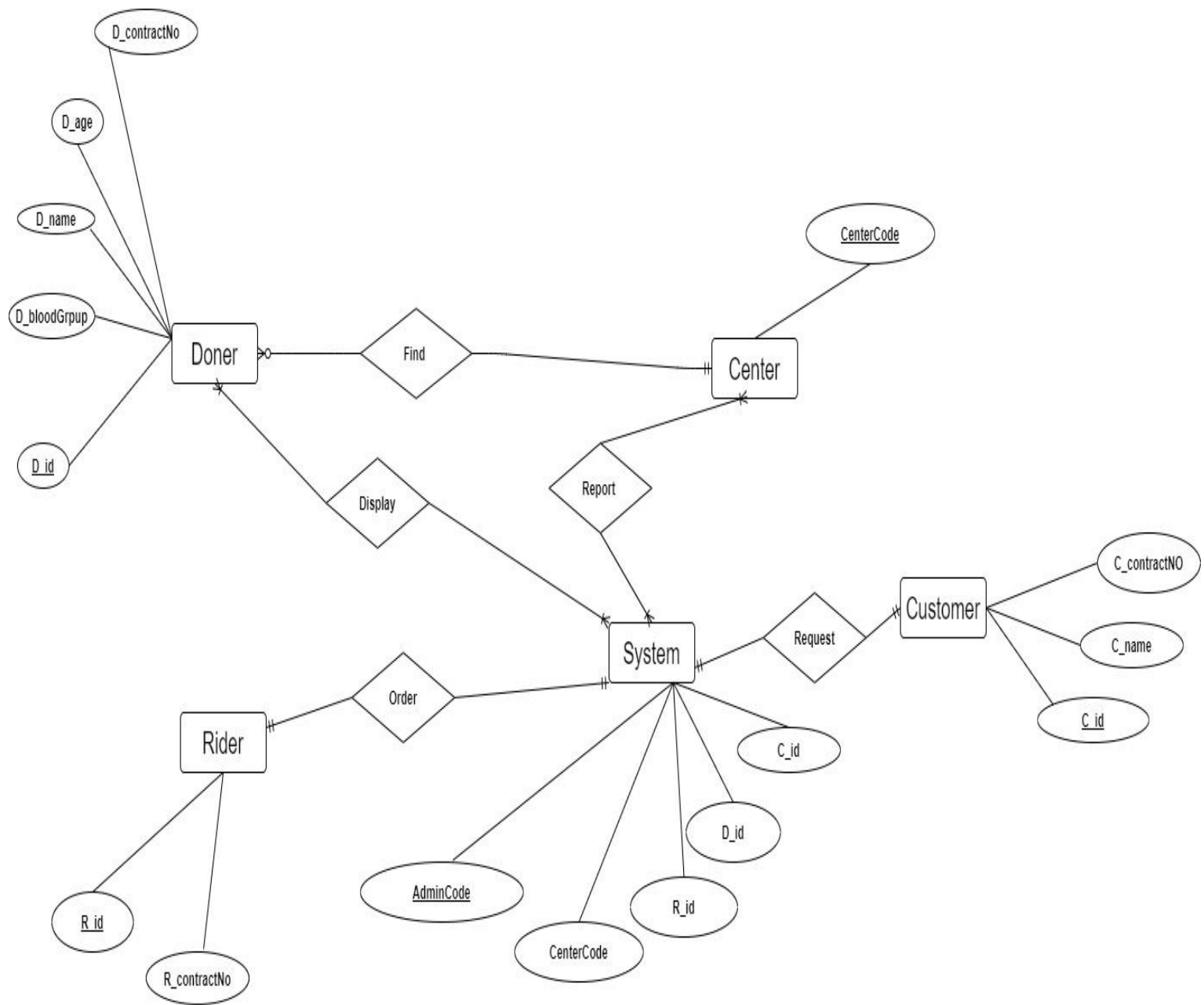
Use Case Diagram:



**Activity Diagram:**



## ER Diagram:



← → ↻ trellio.com/b/Ek1475mR/search ☆ A ⋮

Apps Gmail YouTube Maps Reading list

Boards Jump to... Trello + ⌵ AR ⌵

Board Search Ride Sharing of Blood Donation (Free) Workspace visible AR Invite Automation Show menu

### Basic Information

Customer

Doner

Rider

Blood Center

+ Add a card

### Feature List

Validate the blood donation of a doner.

Authorize the blood collection for a customer.

Allow the access of map finding a blood center.

+ Add a card

### Planning by Teamwise

Team-C

Team-D

Team-M

+ Add a card

### Design Feature

Make all architectural design

2/2

+ Add a card

### Build by Feature

Coding & testing

3/3

+ Add a card

+ Add another list

Team-C

in list [Planning by Teamwise](#)

Description

Edit

They will be working to verify customer identity.

Activity

Show details

AR

Write a comment...

ADD TO CARD

Members

Labels

Checklist

Dates

Attachment

Cover

POWER-UPS

+ Add Power-Ups

Get unlimited Power-Ups, plus much more.

Upgrade Workspace

AUTOMATION

+ Add button

Team-D

in list [Planning by Teamwise](#)

Description

Edit

This team will verify doner identity

Activity

Show details

AR

Write a comment...

ADD TO CARD

Members

Labels

Checklist

Dates

Attachment

Cover

POWER-UPS

+ Add Power-Ups

Get unlimited Power-Ups, plus much more.

Upgrade Workspace



## Team-M

in list [Planning by Teamwise](#)



### Description

Edit

this team develop center and collect blood and manage rider. Deliver it safely,  
Show all details in map.



### Activity

Show details

AR

Write a comment...


#### ADD TO CARD


 Members

 Labels

 Checklist

 Dates


 Attachment

 Cover

#### POWER-UPS

+ Add Power-Ups

Get unlimited Power-Ups, plus  
much more.

 Upgrade Workspace



## Make all architectural design

in list [Design Feature](#)

### LABELS



### Description

Edit

1. create class diagram to implement
2. make ER diagram for crate oracle or MySQL database.
3. interfaces.
- 4.abstract.



### New option

Hide checked items

Delete

100%



Hire-Freelancer



Buy china device

Add an item



### Activity

Show details

AR

Write a comment...

### ADD TO CARD



Members



Labels



Checklist



Dates



Attachment



Cover

### POWER-UPS



Add Power-Ups

Get unlimited Power-Ups, plus much more.



Upgrade Workspace

### AUTOMATION



Add button

### ACTIONS



Move



Copy

## Coding & testing

in list [Build by Feature](#)

### LABELS



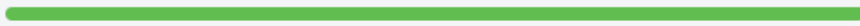
### Description Edit

Implement program by using code such as html, css3,php , JavaScript according all feature. Test overall and maintained

### New option

Hide checked itemsDelete

100%



 Request

 Chat

 Checking Map


Add an item

### Activity

Show details

AR


### ADD TO CARD

 Members Labels Checklist Dates Attachment Cover

### POWER-UPS

+ Add Power-Ups


Get unlimited Power-Ups, plus much more.

 Upgrade Workspace

### AUTOMATION

+ Add button

### ACTIONS

 Move Copy

Create 5 test cases based on your project module.

1

Project Name: Ride Sharing of Blood Donation		Test Designed by: Hasan		
Test Case ID: BR_1122		Test Designed date: 11/07/2021		
Test Priority (Low, Medium, High): High		Test Executed by: Khan		
Module Name: Registration & Login Session		Test Execution date: 13/07/2021		
Test Title: Ensure registration and verify login with valid username and password				
Description: Test website login page				
Precondition (If any): If have previous registration do not need registry. User must have valid username and password. If invalid then reset password with prove identity.				
Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)
1. Go to the website 2. Enter registration 3. Enter username 4. Enter password 5. Click submit	V_id:12XXXXX  B_G:  pNo:123YYY  age:23  DOB:12/09/2009  Username: 9999999999  Password: 321	At first User must  Registration. If previous registration, should login into the application	As expected,	Pass
Post Condition: User is validated with database and successfully login to account. The account session details are logged in the database.				

Project Name: Ride Sharing of Blood Donation		Test Designed by: Hossain		
Test Case ID: BR_1133		Test Designed date: 11/07/2021		
Test Priority (Low, Medium, High): High		Test Executed by: Alif		
Module Name: Search		Test Execution date: 13/07/2021		
Test Title: Searching freely				
Description: search website login page, personal profile, homepages , settings, BloodInfo page, riderinfo, Donerinfo, CustomerInfo.				
Precondition (If any):				
Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)
1. Login account 2. Click search option. 3. Type keyword.	Keyword: Bloodinfo Riderinfo, Admininfo, bloodCenterinfo, Donerinfo, AdmidInfo,	User search whatever he wants.	As expected,	Pass
Post Condition: All information stored in database server.				

Project Name: Ride Sharing of Blood Donation			Test Designed by: Ahamed		
Test Case ID: BR_1144			Test Designed date: 11/07/2021		
Test Priority (Low, Medium, High): High			Test Executed by: Chowdhury		
Module Name: Booking			Test Execution date: 13/07/2021		
Test Title: Booking to blood with identity and reason.					
Description: Checking blood group as mentioned.					
Precondition (If any): Customer must have valid identity. Verified blood group.					
Test Steps		Test Data	Expected Results	Actual Results	Status (Pass/Fail)
1. Go to the website 2. Enter registration 3. Enter username 4. Enter password 5. Click submit 6. Click bloodinfo(mentioned) 7. Click group(requested) 8. Txt dashboard 9. Submit		BG_id:A+1213  BG: A+...  Txt: (reason )	Prove valid reason  And identity	As expected,	Pass
Post Condition: User’s book for specific blood on the database.					

Project Name: Ride Sharing of Blood Donation		Test Designed by: Micle		
Test Case ID: BR_2244		Test Designed date: 11/07/2021		
Test Priority (Low, Medium, High): High		Test Executed by: Jons		
Module Name: Account		Test Execution date: 13/07/2021		
Test Title: Payment for blood				
Description: pay amount for blood				
Precondition (If any): Customer must pay specific amount through debit card, credit card, mobile bank etc.				
Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)
1. After booking blood find a sms with pin. 2. Take span booking. 3. Go Account submit snap txt pin. 4. Click pay option. (mentioned) 5. Pay	Pin:BG009967	Valid bank account	As expected,	Pass
Post Condition: User have to enter validated bank account and successfully pay amount. all bank is connected database server.				

Project Name: Ride Sharing of Blood Donation		Test Designed by: Tomas		
Test Case ID: BR_1234		Test Designed date: 11/07/2021		
Test Priority (Low, Medium, High): High		Test Executed by: kathrin		
Module Name: Security Management		Test Execution date: 13/07/2021		
Test Title: About manager				
Description: Secure in specific field.				
Precondition (If any): Admin should have AdmiCode.				
Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)
1. Go to server 2. Collect information. 3. Check and verify. 4. Give approval. 5. Contract user any identity	AdminCode	Confirm security	As expected,	Pass
Post Condition: Admid save users feedback and handle payment.				



# Thanks a lot to visit

Login

Registration

. Please login here

username

Password

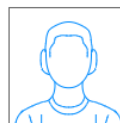
## Registration

Enter your name

make strong 8 character password a-z,A-Z,0-9, spacial sign

Enter password

☐ male ☐ female ☐ others



Attach a formal original pic

ContractNo

email

VoterID

Blood Group

☐ O+ ☐ O- ☐ A- ☐ A+ ☐ B- ☐ B+ ☐ B+ ☐ AB+ ☐ AB-

After Above all fill up please give face scan

?

Submit



+8801900004343

### Description

Registration for create account for services.If you have previous registration please login. Further have any query contact us bottom mention site.



## Profile Info



Profile picture

Home

personalInfo

About

Settings

Sign out

### Description

After successfully complete then here profileInfo. Here have 4 categories.Each Categories have different phases and different works. Sign out option available.

## Home

Search



Request

see request notic

Find Doner

Accept

Available Blood

Blood Done

Collect Order

Sign out

### Description

Here have same services for both blood doner and customer. customer can request for blood. Doner automatic find request. He can accept it. find a available center.Both are easily check blood availability.Each have subphase. Blood delivery man will collect order.Sign out available.

## PersonallInfo

Name Md. Hasibul hasan  
ContractNo 019124341  
email hasan@gmail.com  
VoterId XX1234  
Blood Group O+



Md. Hasibul hasan

Add

Edit

Home Address 91 barontak,dhaka

Permanent Address 91 barontak,dhaka

Sign out

### Description

Hare all personal information. If he/she want , can add extra information also edit. Sight out option available.

## Blood Center

Dhaka
Khulna
Rajshahi
Chitogong
Rangpur
Chadpur
Syllet
Kishorjong
Borishal

Registry for DeliveryMan























Report of all donation \$  
collection



All bank information

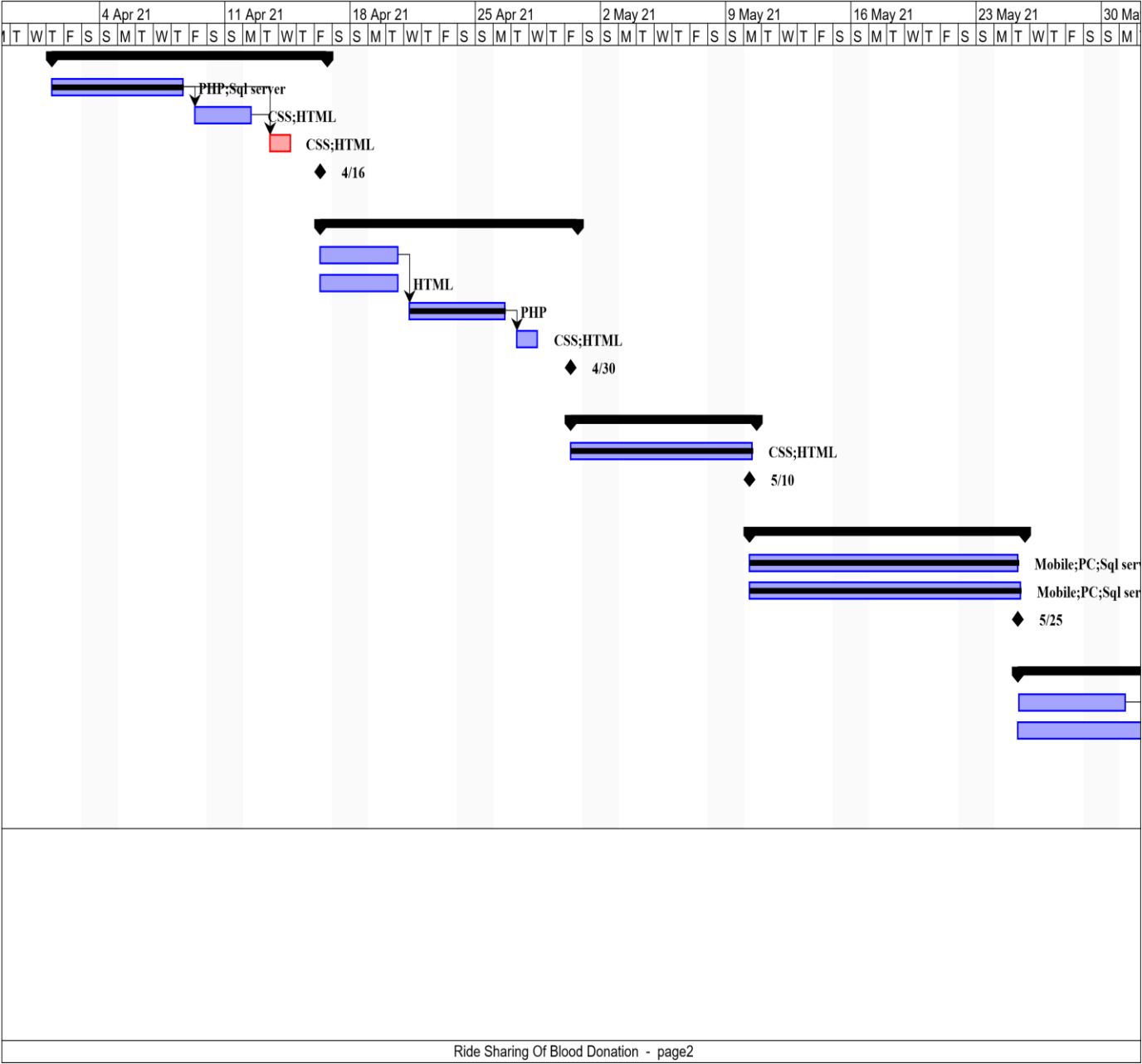
Sign out

### Description

Here all shows all district. Inside each button have all blood center list. Job of deliveryMan registry option here.He/She can able to see all feedback and know about bank information.Sign out option available. Each have subphase.

		Name	Duration	Start	Finish	Predecessors	Resource Names
1		<b>Registration &amp; login</b>	<b>12 days?</b>	<b>4/1/21 8:00 AM</b>	<b>4/16/21 5:00 PM</b>		
2		Registration	6 days?	4/1/21 8:00 AM	4/8/21 5:00 PM		PHP;Sql server
3		login	1.5 days?	4/9/21 8:00 AM	4/12/21 1:00 PM	2	CSS;HTML
4		Sign out	1.5 days?	4/13/21 1:00 PM	4/14/21 5:00 PM	2;3	CSS;HTML
5		Mieston: Get in and out ...	1 day?	4/16/21 8:00 AM	4/16/21 5:00 PM		
7		<b>Search</b>	<b>11 days?</b>	<b>4/16/21 8:00 AM</b>	<b>4/30/21 5:00 PM</b>		
8		Discus Interface	3 days?	4/16/21 8:00 AM	4/20/21 5:00 PM		
9		Manuebar	3 days?	4/16/21 8:00 AM	4/20/21 5:00 PM		HTML
10	 	Keyword	4 days?	4/21/21 8:00 AM	4/26/21 5:00 PM	8	PHP
11		Next Page	1.562 days?	4/27/21 8:00 AM	4/28/21 1:30 PM	10	CSS;HTML
12		Mieston: Finfing all succe...	1 day?	4/30/21 8:00 AM	4/30/21 5:00 PM		
14		<b>Booking</b>	<b>7 days?</b>	<b>4/30/21 8:00 AM</b>	<b>5/10/21 5:00 PM</b>		
15		Request Form	6.5 days?	4/30/21 8:00 AM	5/10/21 1:00 PM		CSS;HTML
16		Mieston: Collect blood s...	1 day?	5/10/21 8:00 AM	5/10/21 5:00 PM		
18		<b>Account</b>	<b>12 days?</b>	<b>5/10/21 8:00 AM</b>	<b>5/25/21 5:00 PM</b>		
19		Pay bill by mobile bank	11.25 days?	5/10/21 8:00 AM	5/25/21 10:00 AM		Mobile;PC;Sql server
20	 	Pay bill bank transfer	11.5 days?	5/10/21 8:00 AM	5/25/21 1:00 PM		Mobile;PC;Sql server
21		Mieston: Define Payment	1 day?	5/25/21 8:00 AM	5/25/21 5:00 PM		
23		<b>Security Management</b>	<b>24 days?</b>	<b>5/25/21 8:00 AM</b>	<b>6/25/21 5:00 PM</b>		
24		Help in call	4 days?	5/25/21 9:00 AM	5/31/21 9:00 AM		
25		restictede Device	9.071 days?	5/25/21 8:00 AM	6/7/21 8:34 AM		Mobile;PC
26		Tracking	8.5 days?	6/4/21 2:00 PM	6/17/21 9:00 AM		Satellite

27		Protection by police	6.125 days?	6/17/21 9:00 AM	6/25/21 10:00 AM	24;26	
28		Mieston: Security Define	1 day?	6/25/21 7:00 AM	6/25/21 5:00 PM		
<p>Ride Sharing Of Blood Donation - page1</p>							



The Gantt chart displays the following activities and their durations:

- Overall Project Duration:** May 21 to June 25 (indicated by a thick black bar).
- Mobile;PC:** May 21 to May 28 (indicated by a blue bar).
- Satellite:** May 28 to June 4 (indicated by a blue bar).
- Unnamed Activity:** June 4 to June 11 (indicated by a blue bar).

A diamond marker on the timeline indicates the date 6/25.