# "HeartBeats"

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## ABSTARCT:

✧ HeartBeats is a website where we can get the information of the collective blood donors on the specific area of mentioned.

✧ Here a recipient can request there need to the specific Donor personally.

✧ Here a recipient can request and report the donor without any registration.

✧ HeartBeats is a website used for getting blood donor volunteer's number where blood was in short of Blood Bank

## TABLE:

There are 3 tables in our project

1. Donor Table
2. Request Table
3. Report Table

The following table elements are been explained clearly below.

## Donor Table:

| Column Name | Data Type | Allow Nulls |
|---|---|---|
| donorid | int | ☐ |
| name | nvarchar(30) | ☐ |
| num | nvarchar(10) | ☐ |
| email | nvarchar(35) | ☐ |
| dob | date | ☐ |
| gender | nvarchar(15) | ☐ |
| city | nvarchar(25) | ☐ |
| state | nvarchar(25) | ☐ |
| alcoholic | nvarchar(5) | ☐ |
| password | nvarchar(25) | ☐ |
| bloodgrp | nvarchar(15) | ☐ |
| | | ☐ |

## Request Table:

| Column Name | Data Type | Allow Nulls |
|---|---|---|
| reqid | int | ☐ |
| donorid | int | ☐ |
| request | text | ☐ |
| tym | datetime | ☐ |
| recipiant_name | nchar(25) | ☐ |
| recipiant_number | int | ☐ |
| | | ☐ |

## Report Table:

| Column Name | Data Type | Allow Nulls |
|---|---|---|
| repid | int | ☐ |
| donorid | int | ☐ |
| report | text | ☐ |
| tym | datetime | ☐ |
| recipiant_name | nvarchar(25) | ☐ |
| recipiant_number | int | ☐ |
| | | ☐ |

**EndPoints(CRUD) :**

**Create:**

- ❖ Donor create his own account
- ❖ Recipiant create a request and report

**Read:**

- ❖ Donor request view
- ❖ Donor profile view

**Update:**

- ❖ Donor profile update

**Delete:**

- ❖ Donor delete his account