

Project Name: Blood Bank Management System

Project idea:

Currently, dengue has become epidemic in Bangladesh. Due to this many people are suffering from anemia and platelet deficiency. Finding the necessary blood has become difficult. People often post online or message their group for necessary blood but it doesn’t help them much. Some organizations even maintain a list of donors and their details but often they are not updated. It is one of the major reasons why we have decided to make a blood bank management system. Our purpose is to make an application where admins can add or remove details of donors and admin or users can login to update their details. In this way we can help patients with safe blood supply when they are needed.

Features:

* Login (Only for User/Admin)
* Dashboard (Where we can see total number of donors of Each group )
* User Information ( ADD,UPDATE,DELETE)
* Donor Information ( ADD,UPDATE,DELETE)
* Inventory ( UPDATE )

Schema Diagram:

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| |  | | --- | | **tbl\_users** | | user\_id | | username | | email | | password | | full\_name | | Contact | | Address | | added\_date | | |  | | --- | | **tbl\_donors** | | donor\_id | | first\_name | | last\_name | | email | | contact | | gender | | address | | blood\_group | | added\_date | | added\_by | | |  | | --- | | **stock** | | bd\_id | | blood\_group | | quantity | |

Limitation:

* We don’t have donate blood system from donor to donor

Future work: