Smart Blood bank

Web Development Project

Submitted By:

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*Project No: 01*

*Project Title: Smart Blood Bank.*

**Project Description:**

* Features:

1. **Emergency Blood Request**:

One can easily request for Blood when it is an emergency and it is impossible to log in or create a new account to see available blood. when a request is placed, admin or any of the users can see it and they can proceed for donate blood and save a valuable life.

1. **See availability of blood by Group:**

One can see available blood by blood group. If any group of blood is not available, then it shows a message “0 result found”.

1. **Register as new User:**

One can easily create a new account to be a member of our smart blood bank. When anyone creates an account they get some advantages,

1. Show profiles
2. Update profiles.
3. Send messages
4. Get Replies
5. Apply for blood
6. See requests.
7. **Login as user:**

To get the all advantages and do all operations of a user of this system, user have to logged in into the system. When any user register in this system, they have a unique email and password for login. when user entered a wrong username/email or password, the system will give an error. Otherwise they can access their account.

1. **Show user’s Profile:**

When a user logged into his/her account, he/she can see his/her profile. It is possible to update all information without email, blood group, date of birth, gender. He/she can also change password for login.

1. **Send and receive Message:**

User can send message and receive message by this system to stay connected with each other. One user can send message only other user but not to admin. But they can get message from both users and admin also. In user inbox page, Background of the messages from user is white and messages from admin is black to easily identify.

1. **See emergency requests:**

User can see all requests of blood. He/she can apply for blood if he/she wants to donate blood. When he/she proceed for a blood request, it is deleted from the table and add into another table.

1. **Log Out from user account:**

User can log out from their account when they want. If they logged out once, they can’t access any page without login again.

1. **Admin Login:**

Admin of the system can log into the system to control the whole system. When admin logged into the system. He/she find many operations in admin\_panel page what an admin can perform.

1. **Manage Profiles:**

One of the operations of admin. Admin can delete any account if want. Admin also can make any user admin to give access all works.

1. **Messages:**

Admin can send message to all user. This messages are marked as important and appears with black background and red border in all user’s inbox page.

1. **Blood Transactions:**

When any user applies to donate blood, it is marked as donated and appears in transaction page to see which request is completed. Only admin can see it.

1. **Manage frequently ask questions:**

Admin can reply of the Question which are asked by guests of the website. Answer of the questions are sent with email. When an answer of a question is sent, the question is deleted from the table.

1. **Send replies by Email:**

Admins reply sent with email.

1. **Upload Images to Gallery:**

Admin can upload image to the gallery.

1. **Update News to show in home page:**

Admin can update news. Last news will be appearing in homepage as scrolling news.

1. **Frequently ask question section:**

Guest of the system can frequently ask something to admin about the system or something.

1. **Gallery:**

When an admin upload images into gallery, this images are shown into gallery page.

1. **Scrolling News:**

When Admin updated a news, last news scrolls in first page or home page of the system.

1. **Image Slider:**

A slider of 6 image is shown in the home page.

1. **Google map:**

A map of Our University which is considered as the head quarter of the system is added into the system.

**22**.**About Developer:**

Developer’ about is added into the system

24. **Find Developer in social media:**

Developer’s social media links are added into developer option in homepage of the system.

**Screenshots:**

1. Homepage:

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| E:\4th semester\web Developing\project SS\1.home.png |

1. Emergency request page:

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| E:\4th semester\web Developing\project SS\2.request.png |

1. FAQs and About page:

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| E:\4th semester\web Developing\project SS\3.faq+about.png |

1. Registration Page:

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| E:\4th semester\web Developing\project SS\4.register.png |

1. User Login Page:

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| E:\4th semester\web Developing\project SS\5.login.png |

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| E:\4th semester\web Developing\project SS\6.login_failed.png |

1. User Panel:

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| E:\4th semester\web Developing\project SS\7.user_panel.png |

1. User Profile:

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| E:\4th semester\web Developing\project SS\8.user_profile.png |

1. Messages:

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| E:\4th semester\web Developing\project SS\9.message.png |

1. User Inbox:

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| E:\4th semester\web Developing\project SS\10.inbox.png |

1. Compose Message:

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| E:\4th semester\web Developing\project SS\11.compose.png |

1. See request:

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| E:\4th semester\web Developing\project SS\12.2.requests.png |

1. Login Options:

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| E:\4th semester\web Developing\project SS\13.logins.png |

1. Admin Login:

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| E:\4th semester\web Developing\project SS\14.admin_login.png |

1. Admin Login Failed:

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| E:\4th semester\web Developing\project SS\15.admin_login_failed.png |

1. Admin Panel:

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| E:\4th semester\web Developing\project SS\16.admin_panel.png |

1. Manage Profiles:

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| E:\4th semester\web Developing\project SS\17.manage_profiles.png |

1. Admin Messages:

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| E:\4th semester\web Developing\project SS\18.messages.png |

1. Transactions of Blood:

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| E:\4th semester\web Developing\project SS\19.transactions.png |

1. Replies:

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| E:\4th semester\web Developing\project SS\20.replies.png |

1. Upload images into gallery:

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| E:\4th semester\web Developing\project SS\21.gallery.png |

1. Update news:

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| E:\4th semester\web Developing\project SS\22.news.png |

1. See Availability of Blood:

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| E:\4th semester\web Developing\project SS\24.list.png |

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| E:\4th semester\web Developing\project SS\25.not_found.png |

1. Gallery:

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| E:\4th semester\web Developing\project SS\26.final_gallery.png |

1. Scrolling News:

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| E:\4th semester\web Developing\project SS\27.final_news.png |

Limitations:

1. The webpage should be responsive.
2. The webpage should be fully dynamic.
3. User name should be use to login as user and admin.
4. Blood request should be shown according to the blood group of the user.