1. **User Registration**

|  |  |
| --- | --- |
| **User Story Definition** | User can register his/her details in the database for requesting blood from the donor and also post the blood requirement if donor is not available. |
| **User Story ID** | 1 |
| **User Story Name** | User registration |
| **Details** | User should have to enter mandatory fields like Name, age, gender, Blood group, weight, contact details and address |
| **Business Rules** | User should enter mandatory fields and user ID of one user can’t be similar to another user. All the fields have type constraints. |
| **Error Scenarios & Related Messages** | If mandatory fields are not entered, alert message “Please update the highlighted mandatory field(s) “will be displayed. |
| **Acceptance Criteria** | If all the mandatory fields and type is matched, then user’s details will be successfully registered in the database. |
| **Attachments** |  |

|  |  |
| --- | --- |
| **User Story Definition** | Registered user can login through user ID and password. After that user can post his/her requirement as well as search for the donor. |
| **User Story ID** | 2 |
| **User Story Name** | Credential Authentication |
| **Details** | After entering the valid user ID and password, the credentials are authenticated successfully then the user can post his requirements and search for the donor. |
| **Business Rules** | User should enter both the fields with valid credentials. |
| **Error Scenarios & Related Messages** | If user failed to provide valid credentials, then error page will be displayed with alert message “Invalid User ID / Password”. In the same page, User can navigate to Login page with the hyperlink in that page. |
| **Acceptance Criteria** | User ID and password entered by the user must be matched with corresponding entries in existing database. |
| **Attachments** |  |

1. **Credential Authentication**
2. **User Inbox**

|  |  |
| --- | --- |
| **User Story Definition** | After user login with user ID and password. User can view his/her messages in inbox page. |
| **User Story ID** | 3 |
| **User Story Name** | User Inbox |
| **Details** | After entering the valid user ID and password, the credentials are authenticated successfully then the user can view his/her messages. Message will contain all details of the donor for the recipient posted by the user. |
| **Business Rules** |  |
| **Error Scenarios & Related Messages** | If user does not have messages in inbox, then page will be displayed as “No new Messages”. In the same page, User can navigate to search donor page and logout page with the hyperlink in that page. |
| **Acceptance Criteria** | If record is found, message will be displayed. Else “No new messages” will get displayed. |
| **Attachments** |  |

1. **Blood Availability**

**4.1 Checking blood availability**

|  |  |
| --- | --- |
| **User Story Definition** | User who wants blood for recipient can search for the donor who match the requirements. |
| **User Story ID** | 3.1 |
| **User Story Name** | Checking blood availability |
| **Details** | User who wants blood can search the donor by using suited blood group as well as area. If the donor is found, User can contact donor. |
| **Business Rules** | User should enter the mandatory fields like Blood group and location for finding donor and all the input given by the user should match with the constraints. |
| **Error Scenarios & Related Messages** | If the input given by the user is mismatched with type constraints, then automatically user will be instructed to fill the required field that are highlighted. |
| **Acceptance Criteria** | Input details should be valid. |
| **Attachments** |  |

**4.2 Displaying Donor Details**

|  |  |
| --- | --- |
| **User Story Definition** | User searched details are matched with the database donor entries then the corresponding donor details are displayed to user, from that user can contact donor for blood donation. |
| **User Story ID** | 3.2 |
| **User Story Name** | Displaying donor details |
| **Details** | Donor details are displayed corresponding to user searched fields. User can see the Donor details like location, Blood group, Donor name and contact Details. |
| **Business Rules** | The displayed details of donor should be under the user searched criteria. |
| **Error Scenarios & Related Messages** | If there is no donor available for the searched criteria then user get message that there is no donor available for the searched type and you can post the blood requirement in homepage. |
| **Acceptance Criteria** | Only display the details related to search. |
| **Attachments** |  |

1. **Blood Requirement Posting**

**5.1 Recording blood requirement details**

|  |  |
| --- | --- |
| **User Story Definition** | If the user did not find the matching donor, User can post the requirement in the home page so that anyone who is visiting the page can be able to view the list of recipients who needs blood. |
| **User Story ID** | 4.1 |
| **User Story Name** | Recording blood requirement details |
| **Details** | User has to fill the required fields like Recipient name, blood group, location and hospital details. Then all the inserted details of recipient is recorded in database. After saving all the details in the database, user is informed with the message “Your details are successfully displayed in the home page”. |
| **Business Rules** | User should fill the mandatory fields for posting the blood requirement in the home page. |
| **Error Scenarios & Related Messages** | If the user fails to provide the mandatory field, the missed fields will be highlighted and the user has to fill the highlighted fields for successful posting of requirement. |
| **Acceptance Criteria** | If all the mandatory fields and type is matched, then user’s details will be successfully registered in the database and posted in the home page. |
| **Attachments** |  |

**5.2 Displaying blood requirement details**

|  |  |
| --- | --- |
| **User Story Definition** | Viewers who are visiting the website can see the list of recipients who are in need of blood. |
| **User Story ID** | 4.2 |
| **User Story Name** | Displaying blood requirement details |
| **Details** | Recipients who are in need of blood are listed in the table which contains the following fields: Name, Blood Group, Location and Hospital. The donors who meet the recipient’s requirement can donate the blood. |
| **Business Rules** |  |
| **Error Scenarios & Related Messages** | A viewer can donate blood by registering as a donor in that page. If that viewer already have login credentials as a donor, then donor can book the slot. |
| **Acceptance Criteria** |  |
| **Attachments** |  |

1. **Blood Donation**

**6.1 Donor Registration**

|  |  |
| --- | --- |
| **User Story Definition** | Viewer can register his/her details in the database for donating blood to the recipient. |
| **User Story ID** | 5.1 |
| **User Story Name** | Donor Registration |
| **Details** | Donor should have to enter mandatory fields like Name, Email, gender, Blood Group, State and Password. If they are matched with the type constraints, the donor details will get stored in the database. |
| **Business Rules** | Donor must enter mandatory fields and user ID of one user can’t be similar to another user. All the fields have type constraints. |
| **Error Scenarios & Related Messages** | If mandatory fields are not entered, alert message “Please update the highlighted mandatory field(s) “will be displayed. |
| **Acceptance Criteria** | If all the mandatory fields and type is matched, then user’s details will be successfully registered in the database. |
| **Attachments** |  |

**6.2 Donor Login**

|  |  |
| --- | --- |
| **User Story Definition** | Registered donor can login through user ID and password. After that donor can book the slot for the recipient to whom he can donate blood. |
| **User Story ID** | 5.2 |
| **User Story Name** | Donor Login |
| **Details** | After entering the valid user ID and password, the credentials are authenticated successfully and then the donor checks with area and blood group. If the requirement matches, he can book the slot in the particular date and time which should not match with other’s slot. |
| **Business Rules** | Donor should enter both the fields with valid credentials. |
| **Error Scenarios & Related Messages** | If donor failed to provide valid credentials, then error page will be displayed with alert message “Invalid User ID / Password”. In the same page, User can navigate to Login page with the hyperlink in that page. |
| **Acceptance Criteria** | User ID and password entered by the donor must be matched with corresponding entries in existing database. |
| **Attachments** |  |

**6.3 Slot Booking**

|  |  |
| --- | --- |
| **User Story Definition** | After sign in, Donor can book the slot to donate the blood. |
| **User Story ID** | 5.3 |
| **User Story Name** | Slot Booking |
| **Details** | Donor can book the slot depending upon the recipient’s blood group. |
| **Business Rules** |  |
| **Error Scenarios & Related Messages** | If there is no matching blood group available, the donor can be able to navigate to the previous page. |
| **Acceptance Criteria** |  |
| **Attachments** |  |

**6.4 Slot Confirmation**

|  |  |
| --- | --- |
| **User Story Definition** | After booking the slot, Donor gets redirected to the slot confirmation page. |
| **User Story ID** | 5.4 |
| **User Story Name** | Slot Confirmation |
| **Details** | In the slot confirmation page, Donor will be able to view the details such as Recipient ID, Donor ID, Hospital name and area. Donor will also be able to choose the date and time and confirm the slot. |
| **Business Rules** | Donor should enter the time slot and date fields. |
| **Error Scenarios & Related Messages** | If mandatory fields are not entered, alert message “Please update the highlighted mandatory field(s) “will be displayed. |
| **Acceptance Criteria** | If all the mandatory fields and type is matched, then the slot confirmation details will be successfully registered in the database. |
| **Attachments** |  |

**6 . Feedback**

|  |  |
| --- | --- |
| **User Story Definition** | After slot confirmation, Donors can post their feedback if they wish. |
| **User Story ID** | 6 |
| **User Story Name** | Feedback |
| **Details** | Donor can post the feedback which has the following details: Name, Hospital Name, City and comments. |
| **Business Rules** | All the fields are mandatory. |
| **Error Scenarios & Related Messages** | If the donor does not want to post the feedback, he/she can logout . |
| **Acceptance Criteria** | If all the mandatory fields and type is matched, then the feedback details will be successfully registered in the database. |
| **Attachments** |  |