**‘Lifeline’ - Blood and Plasma Donation Website - Construction Document**

### **PREPARED FOR**

CSE300 - Software Engineering

School of Engineering and Applied Science, Ahmedabad University

### **PREPARED BY**

Group 5:

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* **Modules:**
* **Hospital Interface:**

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| HospitalRegister.js | Registration of hospitals to the firestore database. Redirects to Hospital Login page |
| HospitalSignin.js | Checks the hospital details with a database. If correct then redirects to the hospital dashboard. |
| Hospitaldashboard.js | Hospitaldash views side navigation bar with 4 options. In the main section, it fetches data of hospitals like:- applications, successful donations, and my events. |
| Navbar\_hosp.js | Upper navigation bar with 4 options. |
| PendingHospitalApp.js | It fetches pending requests of donors from the database of donors. On further action it will redirect to dashboard. |
| ViewApplications.js | View application fetches all the applications of the donors. It basically shows application history. |
| About\_us\_hosp.js | Description about the application developers and its purpose |
| Contact\_us\_hosp.js | Contact details whenever user has any technical doubt |
| Appointments.js | Shows appointments of selected dates. |
| AddEvent.js | Add an event to the database. This takes photos and some details as an input and stores it in firestore. |
| WhydonateblooadHosp.js | Description about why one should donate blood |
| Successfuldonations.js | Shows how many donors have made successful donations to the hospital. |
| MyEvents.js | Fetch and Shows event of the logged in hospital. |

* **User Interface**

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| About\_us.js | Description about the application developers and its purpose |
| Contact\_us.js | Contact details whenever user has any technical doubt |
| Dashboard.js | The main screen of the user interface. Displays number of donations,Received donations and pending requests. |
| Donor\_profile.js | Takes donor’s medical profile and stores it in the database. |
| HomeScreen.js | Website’s initial screen before login or sign up. |
| Loginpage.jsx | Takes user info and checks it with the database. Navigate user to dashboard if details match. |
| navbar.js | Navigation bar displayed on the top with options like: contact us, about us, sign out, home |
| navbar\_sout.js | Navigation bar after user is signed in. |
| ReceivedBlood.ja | Displays receiver’s request completed on the site. |
| ReceiverRequest.js | Take user’s info and stores it to database |
| VerificationReq.js | Sends verification link to users and checks if the user has verified or not. |
| ViewMyRequest.js | Fetches pending requests of the user from the database and displays it. It allows the user to complete or delete the request. |
| ViewReceivers.js | Fetches list of receivers from the database and displays it. |
| WhyDonateBlood.js | Description about why one should donate blood |