**‘Lifeline’ - Blood and Plasma Donation Website - Retrospective meetings**

### **PREPARED FOR**

CSE300 - Software Engineering

School of Engineering and Applied Science, Ahmedabad University

### **PREPARED BY**

Group 5:

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* **Retrospective Meetings**

1. Sprint 1 (26th Feb to 26th March):

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| What went well?   * Project synopsis is done. * Use-case diagram was done. * ER diagram was done. * The Frontend part started well. * Figma designs of login and signup were done. * Initialized git repo for further coding part. * DFD and sequence diagrams were completed after a lot of effort. | What have we Learned?   * Collaboration with different geographically separated members. * React and Firebase |
| Struggle which we were faced with?   * Representing the whole system in one sequence diagram was difficult. * Combining different modules done by different people. | What would we try next?   * Will focus more on the frontend and backend part. * Designing part will be done in figma. |

1. Sprint 2 (26th March - 23rd April) :

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| What Went Well?   * Login/Signup test cases defined * Login/Signup Functionality implemented * Receiver Module test cases developed * Receiver Module implemented * Donor module test-cases defined * Donor Module implemented * Hospital Module test-cases defined * Hospital Module implemented * All unit tests conducted | What have we learned?   * Firestore * Firebase Authentication * Learned unit testing and explored some white-box testing methods. * Firebase Storage * Learned to adjust window size for all screen sizes in CSS. |
| Struggle which we were faced with?   * Errors from firebase authentication were faced during login/signup. * Getting data from JSON file and displaying it in drop down for given city * Updating the status in the firestore for unmounted components was difficult. * For events, adding a jpg file to storage and retrieving it again in firestore database. * making a web app responsive was difficult. | What would we try next?   * Testing further modules. * Try to complete the coding part. * Deployment of the web app. |

1. Sprint 3(23rd April - 7th May):

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| What Went Well?   * Functional testing of the modules. * Deployment of the WebApp using firebase | What have we learned?   * Different types of functional testing methods were explored. * Learned SMOKE testing technique. |
| Struggle which we were faced with?   * Fixing errors found during testing * During deployment, we faced some system errors. | What would we try next?   * Completion of the project. |