

Blud

Guide

Prof. Mini Joswin

Team Members

Vyshanv C J (KTE20CS060)

Adarsh P Sunil (KTE20CS005)

Saurav K S (KTE20CS052)

Jinash Jaleel (KTE20CS035)

Introduction

- Blood is an essential and life-sustaining fluid in the human body.
- Blood donation is an essential activity in the present scenario for a variety of emergencies like **blood shortages, medical procedures, accidents, etc.**
- An efficient blood donation system that facilitates proper communication between donors and receivers is needed.
- That's where Blud comes into play with a series of features like sorting donors based on live location, rating donors based on their readiness to donate blood, and keeping track of blood donation history and donation capacities.

Objectives

- Elimination of time delay to find a Blood donor
- Prevent inefficiency of broadcasting blood donation request through WhatsApp groups by directly contacting blood donor
- Make blood donation easier for donors.
- Promote blood donation habits in users by directly reaching out to them.

Features

- Live location tracking of donors to make blood donation faster and more efficient.
- Blood rating for donors based on their readiness and availability.
- The blood receivers can choose their donors based on location, blood rating, and frequency of donation.
- WhatsApp confirmation for blood donation.
- A real-time notification system for Blood receivers.
- Acts as a Middleman between donors and receivers.

Motivation

5

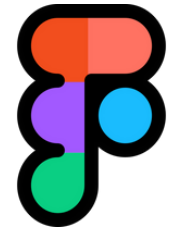
Our college social groups face challenges in finding blood donors mostly through overflowing WhatsApp **groups**. Our application aims to solve this problem by integrating with WhatsApp, allowing **direct and efficient** communication with potential donors. This feature sets our application apart from others and helps recipients connect directly to donors who have confirmed for blood donation.

Scope of the Project

- **Blood Donation Drives** can be hosted on the Blud app
- **Campaigns** can be sponsored to promote and support Blood Donation and its importance
- **Pinpoint tracking** of donors who confirmed for blood donation

Tech Stack

Figma



Flutter



NodeJS

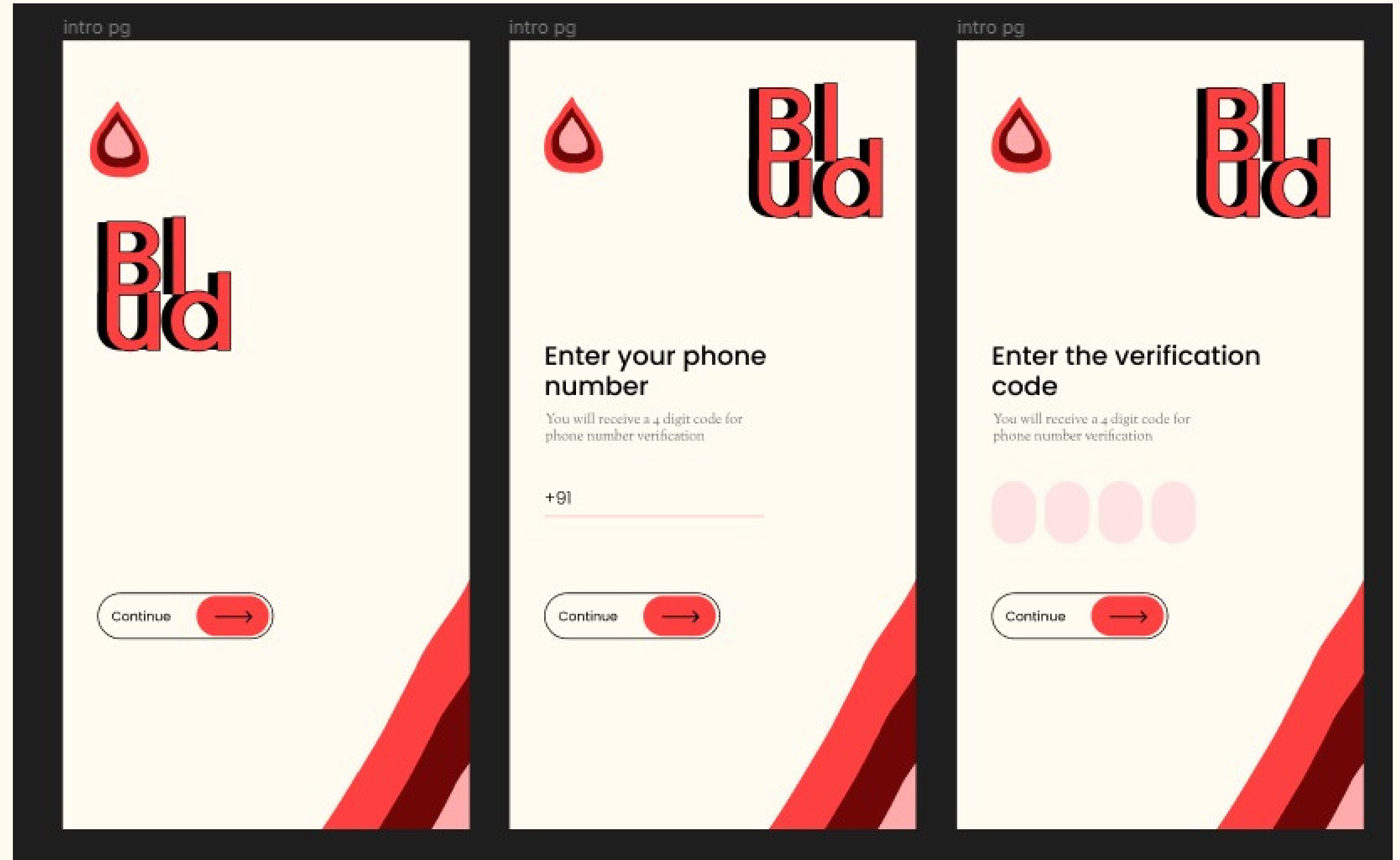


Firebase



Our App till Now

8



THANK YOU

