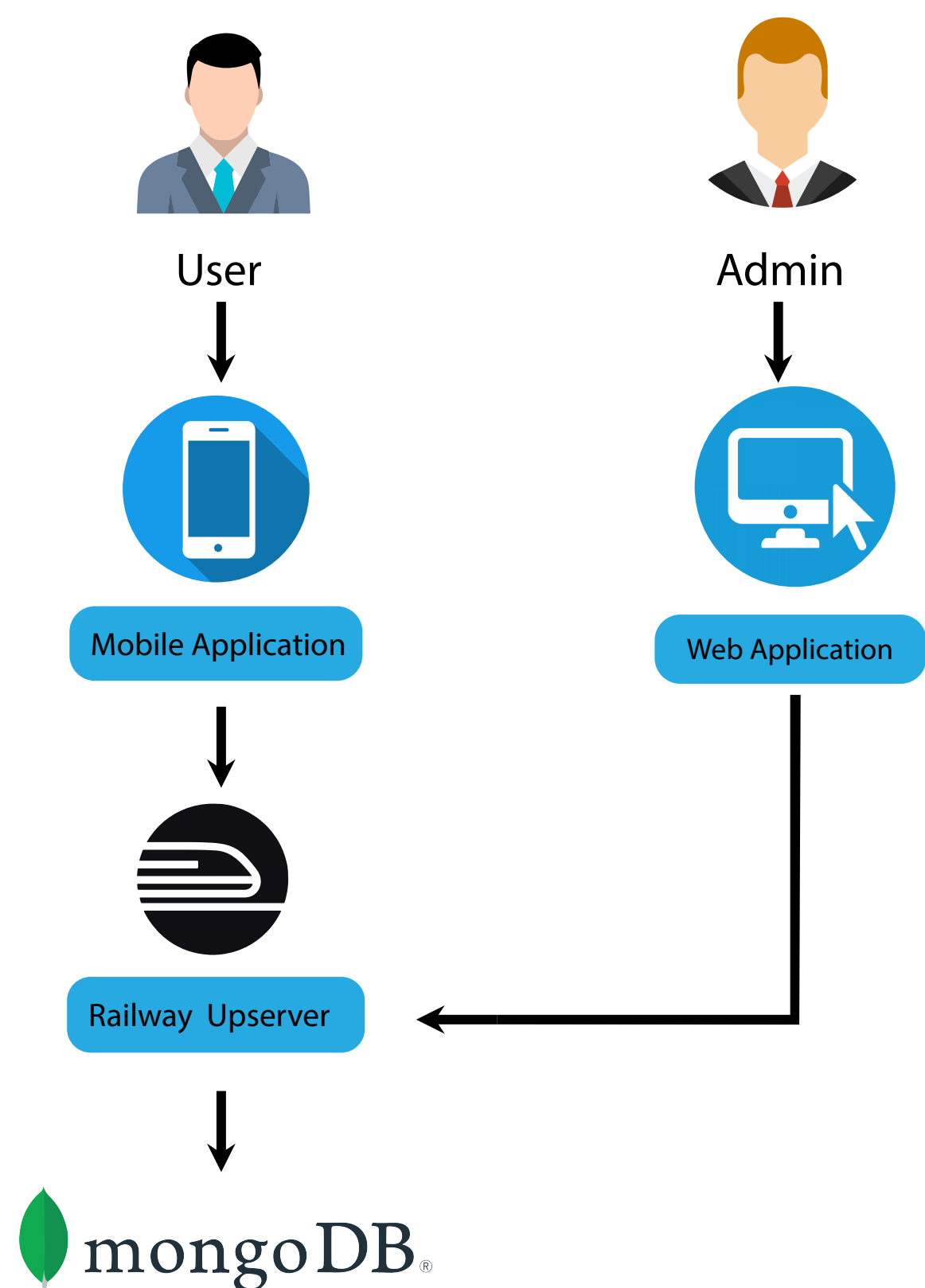


Abstract

Our developed solution features an automated workflow system with key functionalities such as Ambulance Service, Blood Donations, and Missing Persons. In the event of an ambulance request, users with available cars within the caller's radius will receive a notification and will be prompted to accept the ride. Similarly, in the case of a need for O+ve blood group, users with the matching blood type within the hospital's radius will receive a notification and will be asked to donate. To expedite the process, searching algorithms and Google Maps will be utilized, reducing response times and guiding users to their destination. For missing persons, individuals in the surrounding area will be alerted, and computer vision technology will be used to match the missing person's face with anyone who has also been reported missing. Upon completion of the request, users will receive a notification and the request will be closed. An admin panel is developed to track the trajectory of different requests, enabling us to plan and allocate resources efficiently for future use.

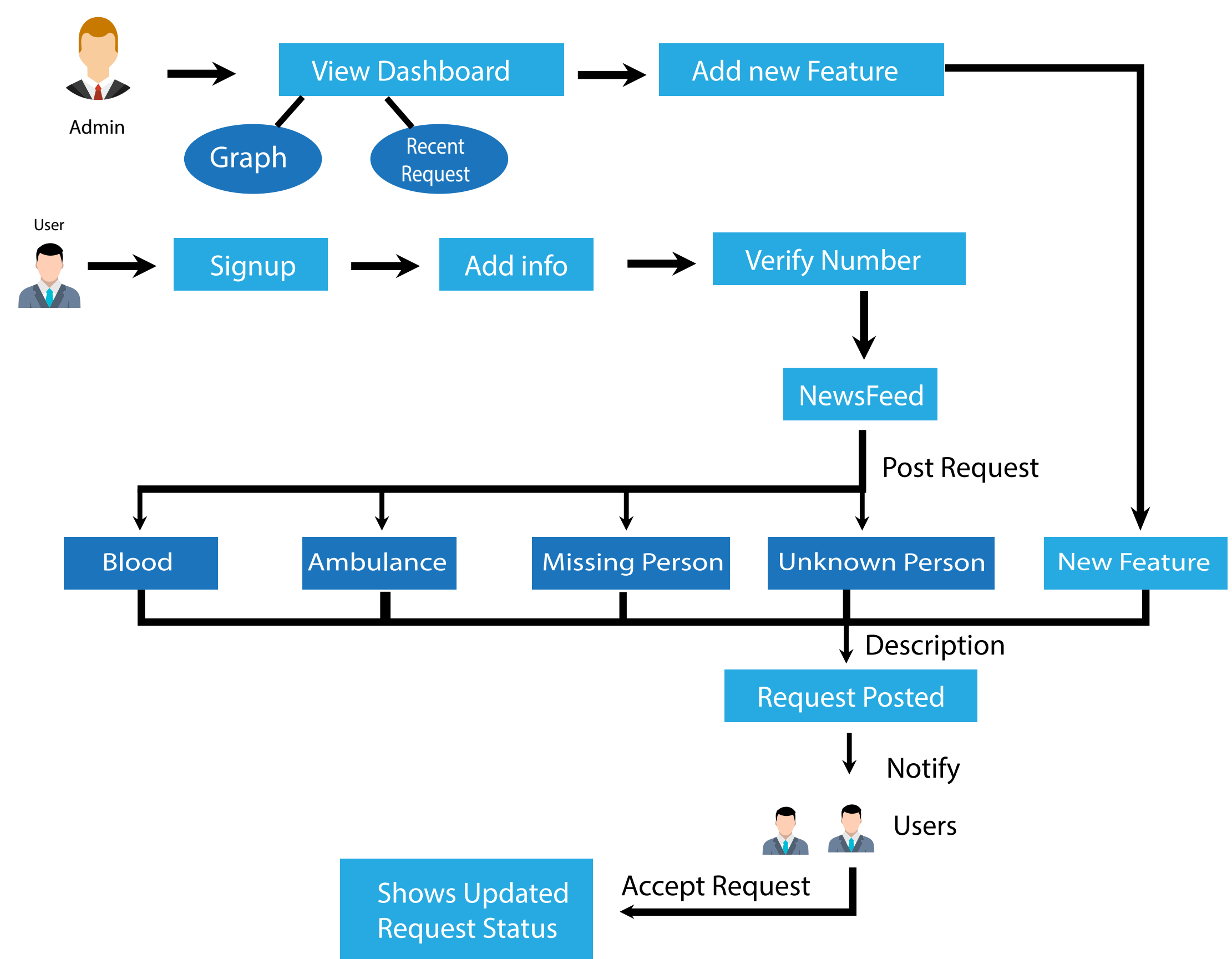
System Architecture Design



SUPERVISOR
Mr. Basit Ali

GROUP MEMBERS
Saad Ali K190133
Muhammad Maaz K190148
Ammar Ullah Khan K191435

Workflow Diagram



Features

FOR END USER PORTAL

Registration
Log in
Blood Request
Ambulance Request
Missing Person/Unknown person
Account Settings
News Feed
Dynamic rendering
User Profile management

Admin Portal

Manage Users
Graph UI
Manage Requests
features addition/deletion

Technologies

