



# National University of Computer and Emerging Sciences

## MUHAFIZ

Supervisor:  
ANAUM HAMID

Team:  
Abdul Hanan (k19-0201)  
Manahil Jawed (k19-0210)  
Rameen Rizwan (k19-0222)

### ABSTRACT:

Muhaffiz is a comprehensive app for medical emergency transportation that functions similarly to popular ride-hailing or ride-sharing services, with the added convenience of a ride-later option for non-emergency situations. The app is equipped with three major modules to cater to different needs. The first module is Advanced Life Support (ALS), which allows users to book ambulances with advanced healthcare facilities. Using the user's current location, Muhaffiz suggests the nearest hospitals based on the type of emergency, considering factors like traffic intensity and distance. The second module is Basic Life Support (BLS), which enables users to book ambulances without advanced equipment and select their own source and destination. The third module is designed for patients who need to be transferred from one hospital to another. Muhaffiz streamlines the booking process and provides a comprehensive solution for medical transportation needs



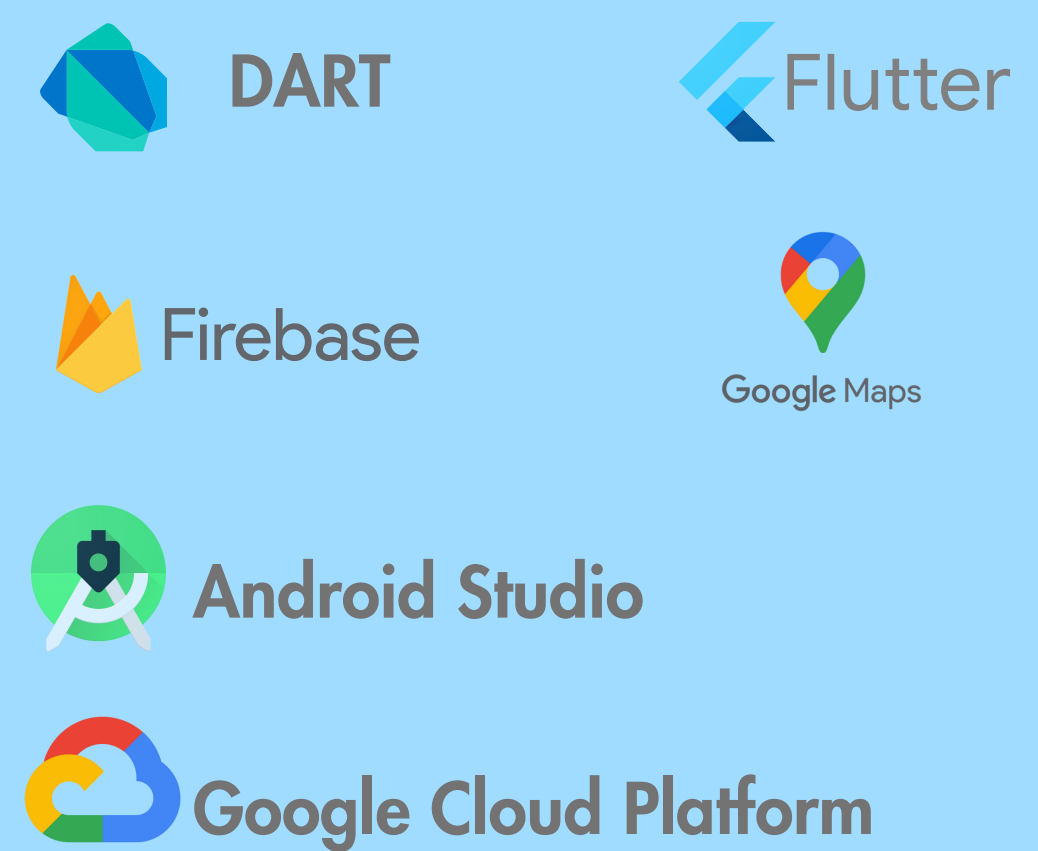
### OBJECTIVE:

Muhaffiz will help the users to track their booking and find the nearest hospital by doing the traffic and distance analysis, analysis is based on the type of emergency for which they want to book the ambulance for. Muhaffiz also focuses on making the process of patient transfer easy, smooth and user friendly.

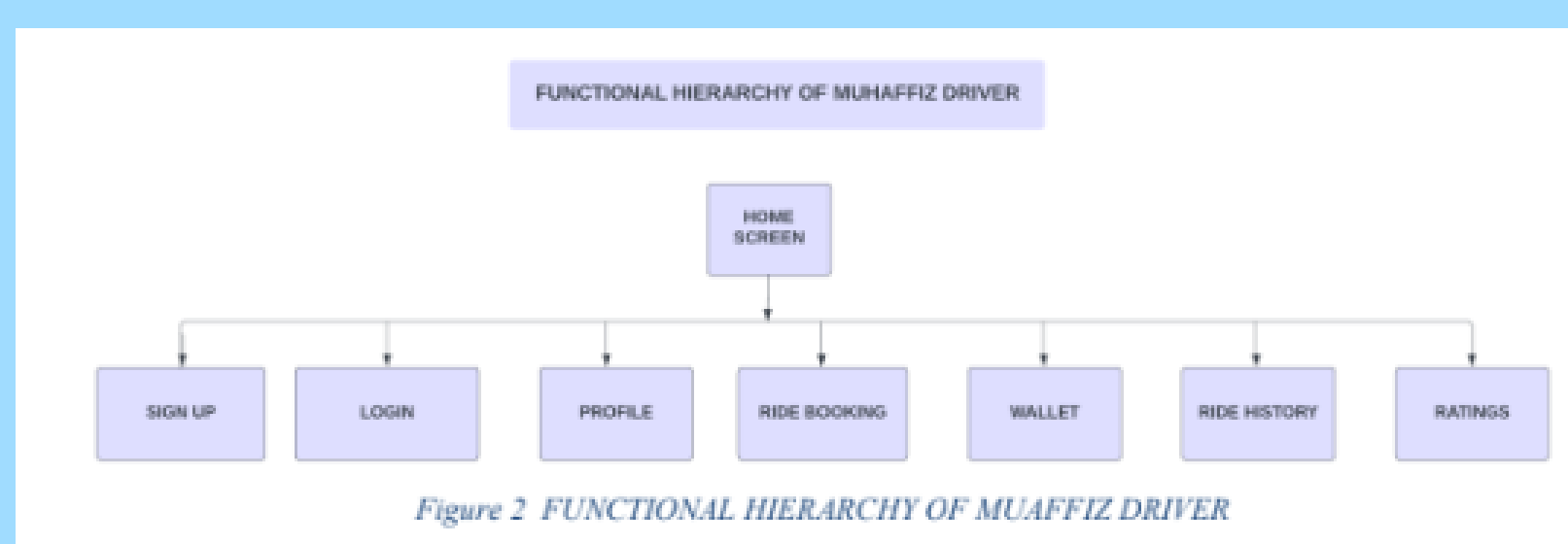
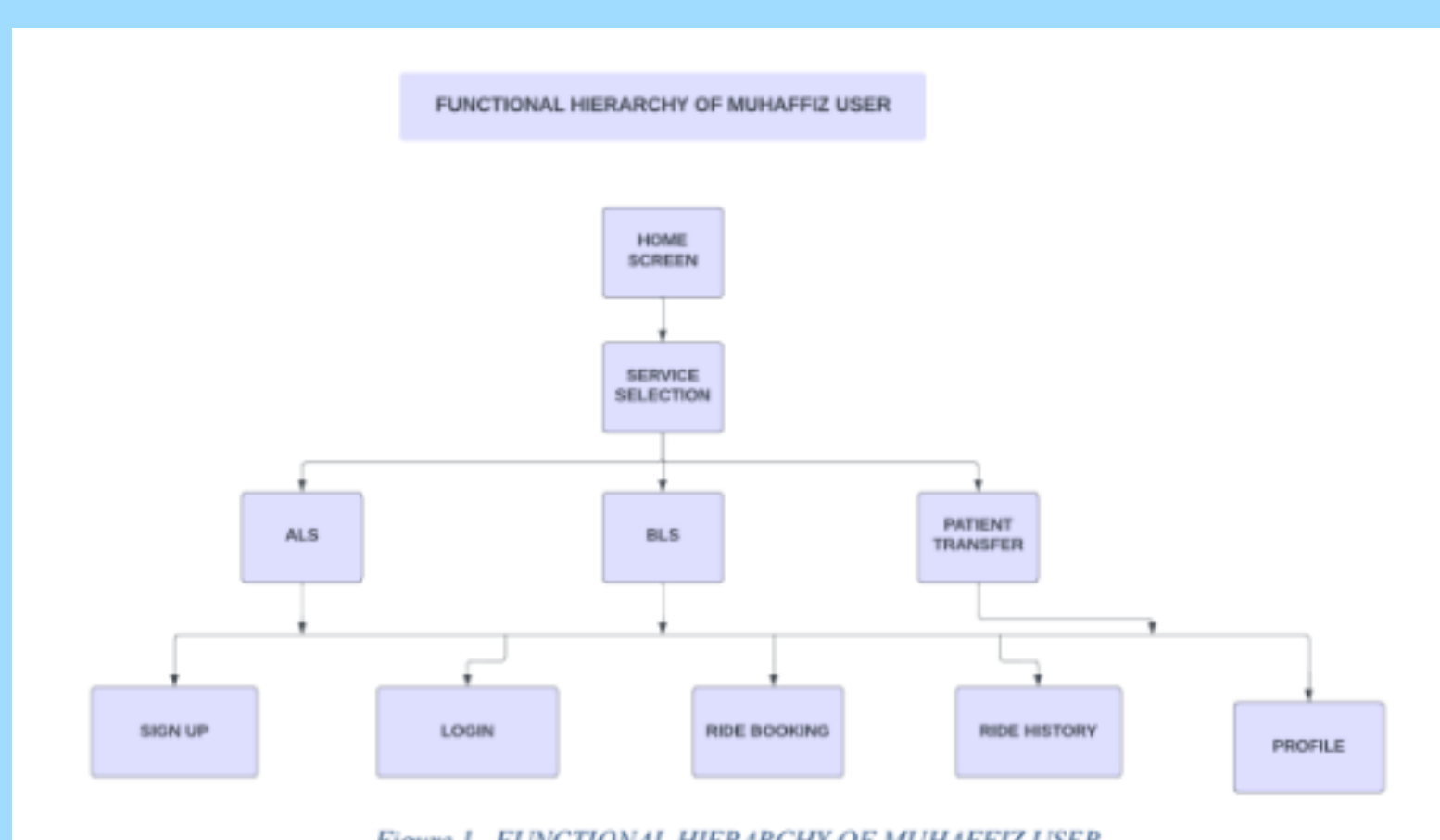
### FEATURES:

- User/Driver Registration and Login.
- Real-Time Tracking.
- Arrival Time Estimation
- Automatic Hospital Detection.
- Driver Ratings
- Basic Life Support
- Patient Transfer
- Advanced Life Support

### TECHNOLOGIES:



### WORK FLOW:



### SYSTEM ARCHITECHTURE:

