PARKME

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INFORMATION TECHNOLOGY
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Topics

- Project Idea

- Functionalities Offered

- Functionalities Implemented

- Functionalities To be Implemented

Project Idea

ParkMe – One solution!

- Vehicles parked in others parking spaces

- Haphazard Parking leads to inefficient sparking space use

- Vehicles parked in no parking spaces

- Two-wheelers parked in four-wheeler spaces

- Difficulty in exit due to haphazard parking

Functionalities Offered

Functionalities

1. Login

2. Forgot Password

3. Change Password

4. View Profile

5. Raise Query

6. Chat Functionality

7. Query Resolved

8. Push Notification Trigger

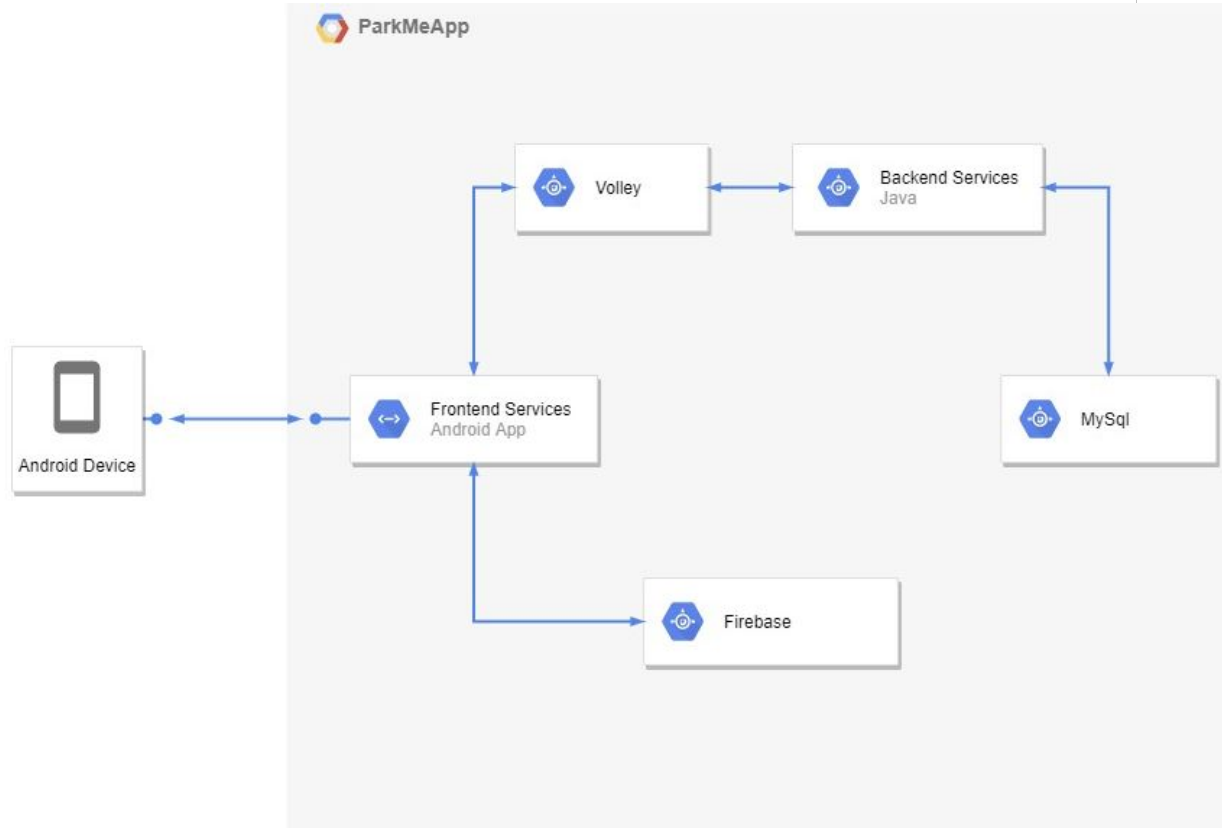9. Logout

Functionalities Implemented

Functionalities Implemented

1. Login
   MySQL Database , Session management ,Password Encryption in Database , Login checks
2. Forgot Password
   New Password sent on registered email ID if user forgets the password
3. Change Password
   Willingly changing password from within the account after Login
4. View Profile
   Details from database fetched and displayed
5. Raise Query
   Firebase ML model for text recognition , Firebase Android connection , Query details taken
6. Settings
   Contact concerned authority
7. Logout
   User is Logged out and current Logged in session is closed

Architecture Implemented

Future Work

Functionalities

Remote server for Database and Local Database using Room and Rotation Handling across App

1. Sign up

   Sign up using society id

2. View Profile

   Edit details , Room database for fetching details after login

3. Chat Functionality

   Chatting interface, Storing chats

4. Query

   Display all Queries , Resolve Queries , Store query details along with image in database

5. Push Notification Trigger

   Push Notifications to user

Thank You!