Note : -
1→ we will be passing userInfo and storeInfo and sometimes some other details so we do not have to get this details again from db.

2→ when user will logout all his details will his removed from local storage except fingerprint And some details will be send to db like cart k products

3→order status(1-unPlaced,2-inTransit,3-readyToPickup,4-picked,5-cancel,6-accepted)

4→ location based searching will be done using pincode

Authentication :-
First check which page to open(login,home,setuserdetails)
If no token -- open login page
If token not expire but no pincode -- setuserdetails -- means user has validated himself but did not fill his user detail and did not set his location too
If token and not expire -- open home page

SignUp : -
1→ First user will give his user-email and password then this will be saved in redis using key as {email,password → OTP} for 24-hrs
2 → user will then send otp along with {email,password} so then if otp matches new row will be created in user table with rest of the data as empty string (also before filling user details user will have to set his/her fingerprint and this will be mapped with email and password and stored in flutter local storage )
3 → then the user will send his profile-detail and current-location and then an update query will be executed to update it to the database.
4→ then if all this works then will send back token/expiry and this will be stored in flutter local storage

-- the next home page will be called.

Login :-
1 → first we will fetch saved {email,password}-(from fingerprint/saved)if exist and get userdetails before going to homepage
2 → in the backend side, first we will check if email exist if does check password by converting it to hash and then match with password in db then all this works then will send back token/expiry and this will be stored in flutter local storage

-- the next home page will be called.

Orders :-
1 → firstly we will add the product to the cart and add that product to the cart. On adding to the cart we will add this product to flutter secure storage so that we will know that this product is already added to the cart so we won't add the product again.After that a request will go to backend to add the product to the cart.On the backend part we will first see if any unplaced order is already present for the current user. If any order is present we will add the current product to that unplaced order.otherwise we will first create an unplaced order and then we will add this product to that unplaced order.

2→ on the cart page firstly we will fetch all the unplaced products of the user from the server. On the server side we will first see if any unplaced order is present for the current user. If present we will then fetch all the order-products by that orderid.Again on the frontend after getting these unplaced products we will fetch the quantity of the order (if available) from the storage. [If a user changes the quantity of the product then we will initially change this quantity on the flutter_secure_storage.It is just to make the least no. of requests]. If a user wants to remove the product from the cart a request will go to the backend. On the backend side we will first get the unplaced order by orderid and then remove the particular product.

3 → On clicking checkout a request will be sent to the backend.On the backend part we will first get the unplaced order by user id. After getting the order-id we will first change the quantity of every product and after that we will categories these products according to their shops and create new orders as per different shops. After placing these orders we will delete the unplaced order.

4 → On the store side first the store will get the order status as pending. After clicking on that order the order will automatically be accepted. After that store has two options either to cancel the order or to click on ready to pick up. Here if the store clicks on ready to pick up an otp will be sent to the user. The user then when picking up the order will show the otp to the shopkeeper and they will confirm the otp by clicking on confirm otp.