Report 1
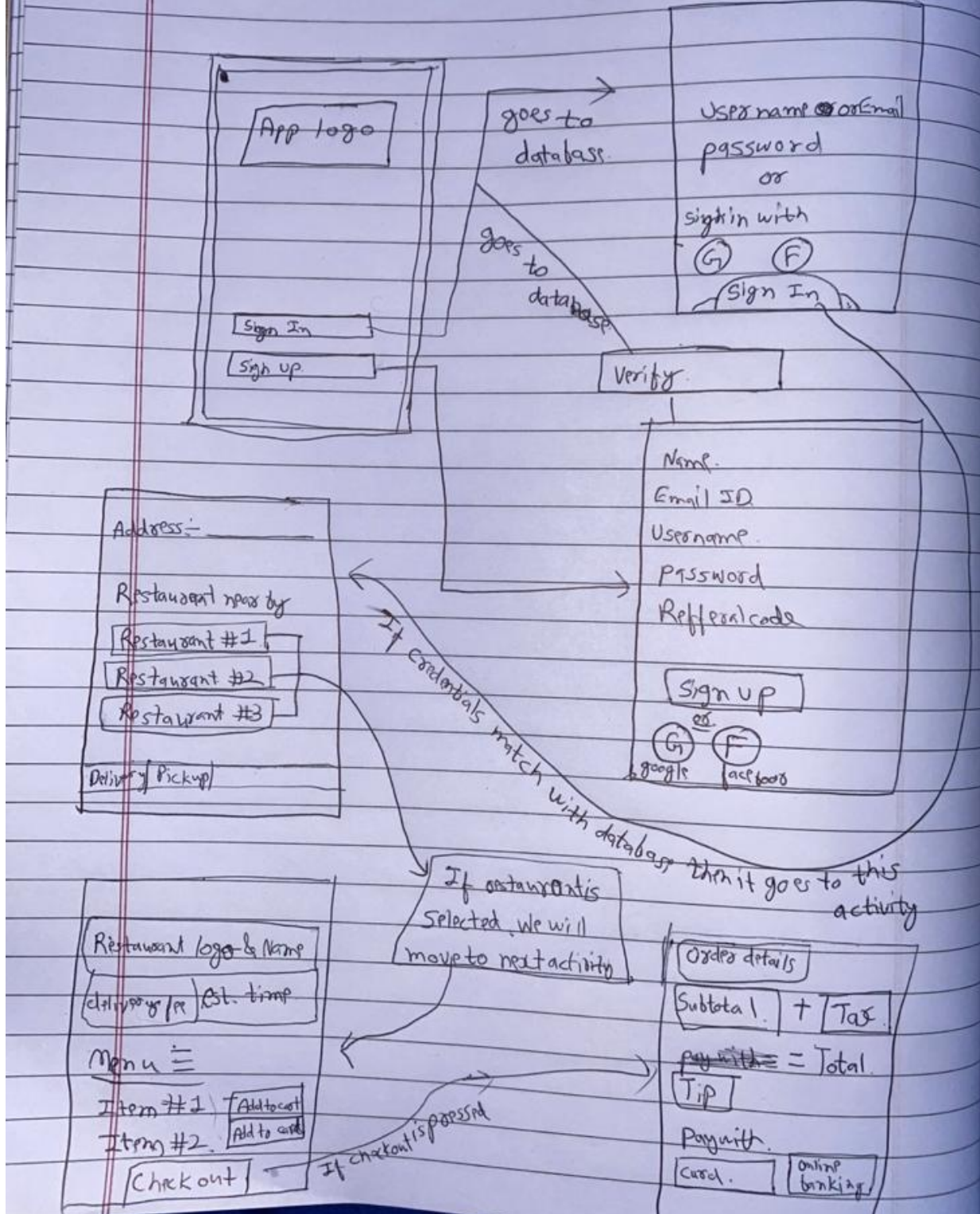
Problem: -

During this COVID-19 period, people around the world are finding difficulties and are having hard times going out of their houses and buying food for them. Many of the employees who are willing to work have lost their jobs. So, I thought to make a mobile application which will help people to order the food online and the employees who lost their job can work and provide them food at their respective houses. The name of my application is Food Panda. "The Food You Like the Food We Bring" is the motivation statement of this mobile application.
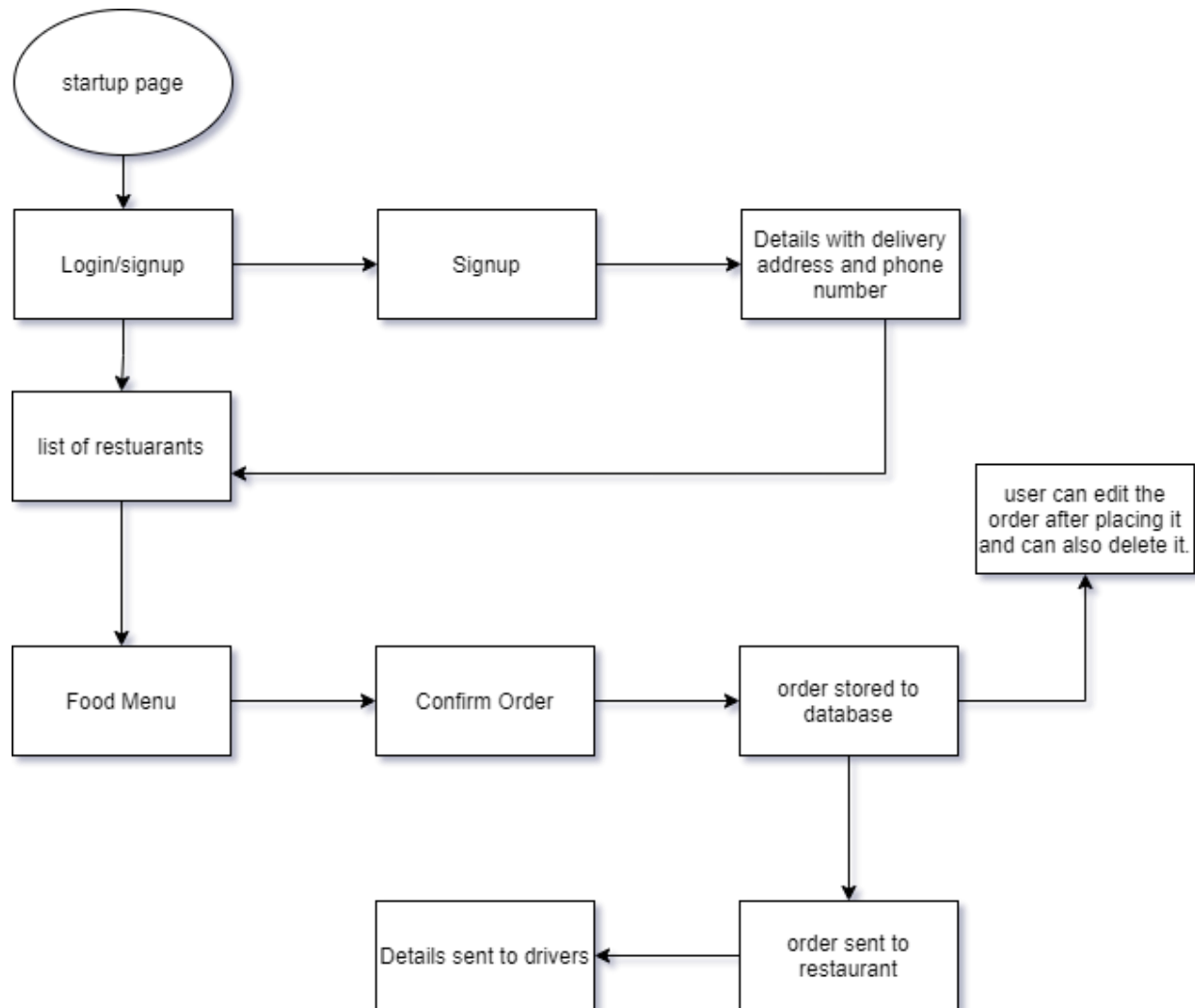
Wireframing and UI description:-

The user will be asked to login/signup in the application so that he can access the further features. Then If the user signs in, then app will show the list of all the nearby restaurants according to user's address. Then if user selects the restaurant it will display the list of food items available in that restaurant. The data for the order can be updated or deleted by the user. Once the order is placed, the order data will be stored in our database and the further details of order and the delivery details will be sent to restaurant and drivers, respectively. The restaurant employees will be given an option whether to accept the order or to decline it.

Here are some photos of the wireframe designs that I have made in order to understand the UI of the application:-

App logo

goes to database.

Username or or Email
password
or
sign in with
(G)   (F)
Sign In

Sign In

Sign Up

goes to database

Verify.

Name.
Email ID
Username.
Password
Refferal code

Sign Up
or.
(G) (F)
google facebook

Address:-

Restaurant near by

Restaurant #1

Restaurant #2

Restaurant #3

Delivery Pickup

If credentials match with database then it goes to this activity

If restaurant is selected, we will move to next activity

Restaurant logo & Name

delivery or Est. time

Menu ≡

Item #1   Add to cart

Item #2   Add to cart

Check out

If checkout is pressed

Order details

Subtotal + Tax

Pay with = Total.

Tip

Pay with.

Card.   online banking

Navigation within app:-

Data Storage:-

The data storage that I will be using will be SQLlite and in which I will be storing the data user login and the orders that user will place along with the address. If the user logs in it will check the login details from the database and if it will be correct the user will be asked to follow the next steps to order the food.

Async Task:-

Async task for this project will be order details which will run in background even if the app is closed.

Method of saving state:-

I will use the "savestate()" function which is built in android studio ide. This function will allow me to save the state of my application and the user therefore will be allowed to use it in both landscape and portrait orientation.