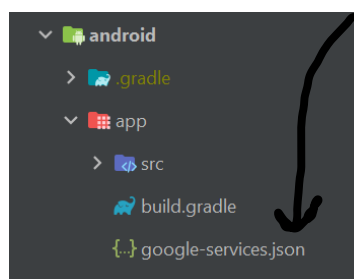


Flutter & Firebase Take Home Project Brief: Truck Driver Location Tracker

GitHub

<https://github.com/abdalmuneim/Truck-Driver-Location-Tracker>

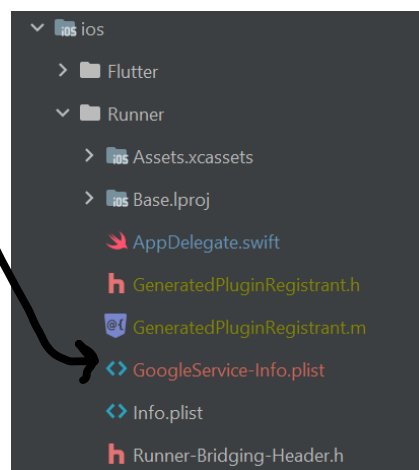
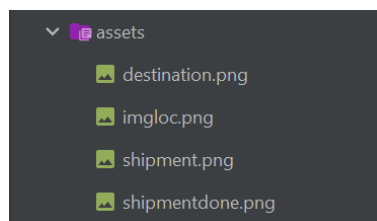
Files structure: used MVVM pattern



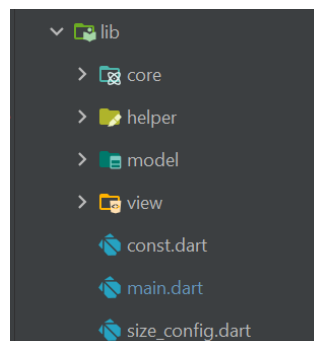
- add google service for android and add plugins for google services.

- add google service IOS.

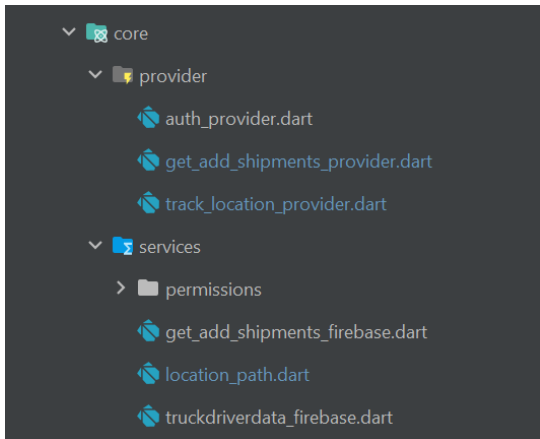
- Add some of the images that were used on the map and login rout



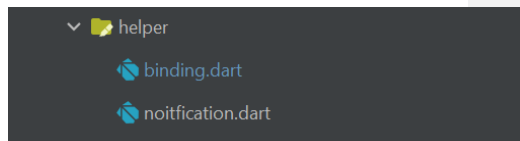
- Files contains main code



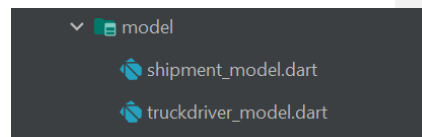
- Contains case management codes and Google firebase services management



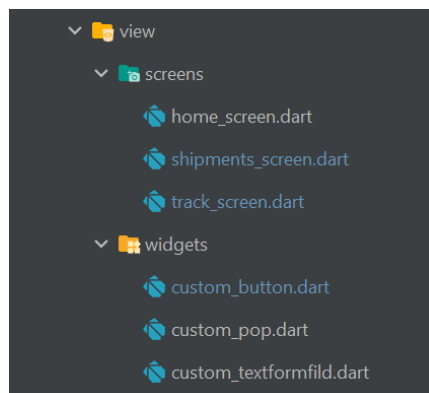
- have a list of MultiProvider and notification to work in background



- Models of Shipments datat and truck driver

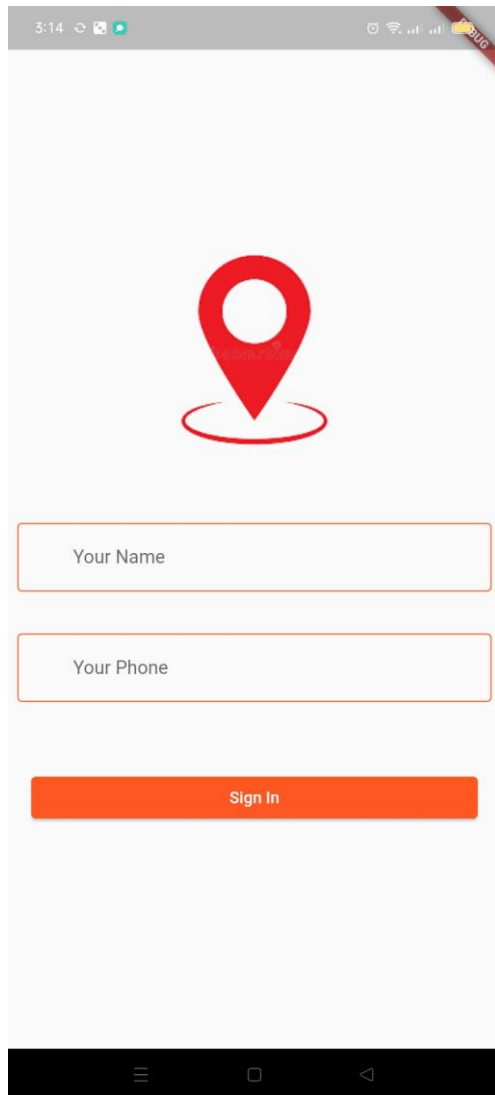


- Routes and Custom Widgets



Routes

- Login rout: truck driver input his name and phone number then can create anonymous account



A mobile application interface for truck drivers. The screen features a large red location pin icon in the center. Below the icon are two input fields: "Your Name" and "Your Phone". At the bottom is an orange "Sign In" button. The top status bar shows the time as 3:14 and various icons. The bottom navigation bar is black with three icons.

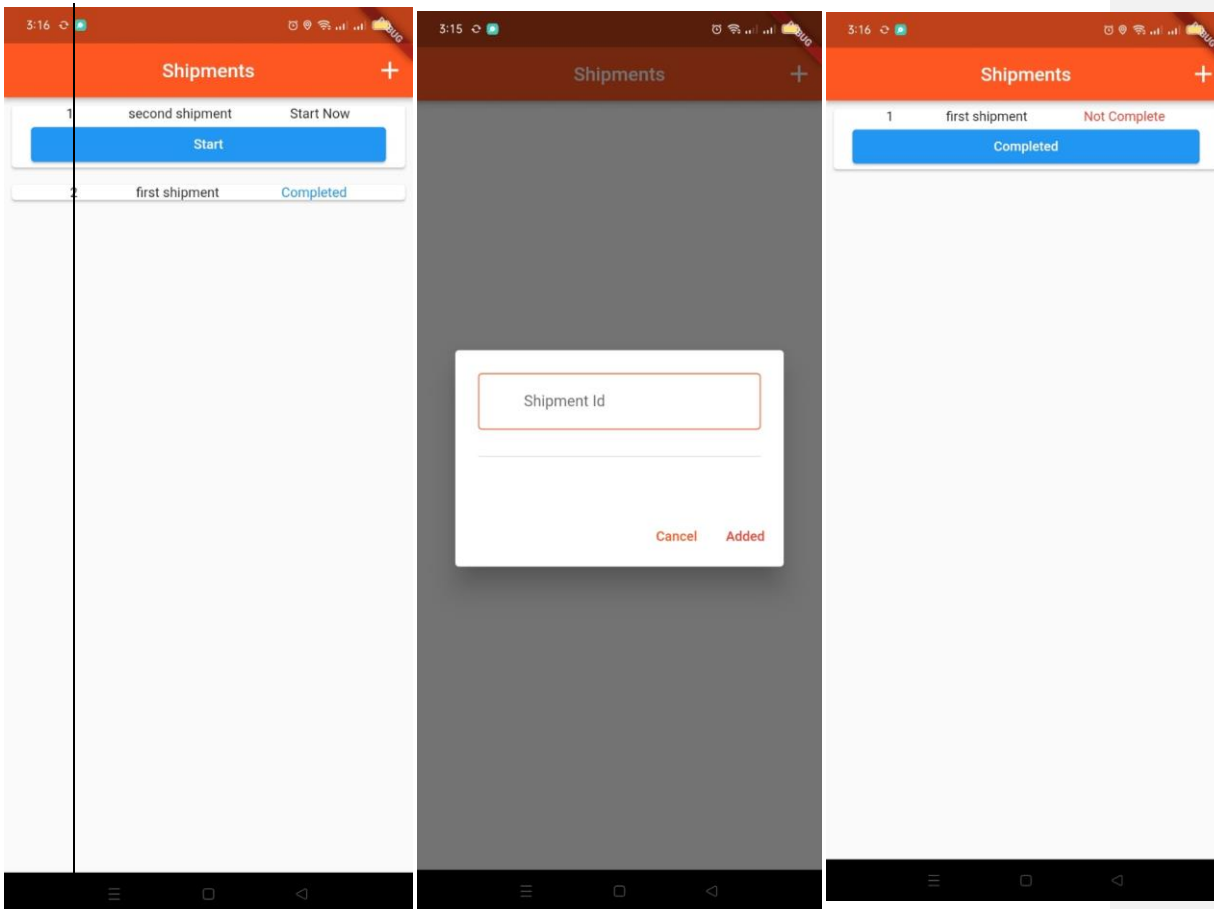
3:14

Sign In

Your Name

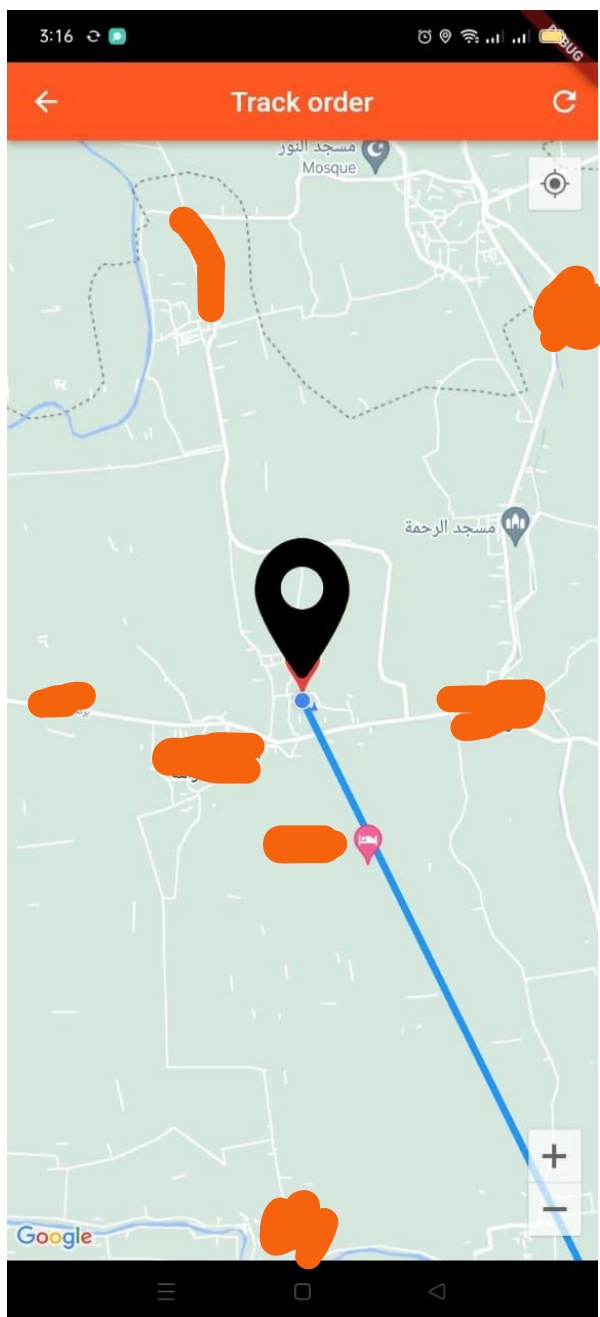
Your Phone

- Shipment rout: contains a list of all shipments, sorted by recent date and button when clicked on show dialog to input shipment Id.
If user click Start Button should be send current location and going to Track rout and create a line from current location to shipment location her should be add list of locations stored as a route on a map but need to enable billing on google cloud project.



```
[log] result.status: REQUEST_DENIED
[log] Error draw Rout: You must enable Billing on the Google Cloud Project at https://console.cloud.google.com/project/\_/billing/enable Learn
more at https://developers.google.com/maps/gmp-get-started
[log] List Positions: []
```

- [Track Rout: Google map](#)



Bonus features:

- Allowing location data to be sent as a background operation (Android)



The only thing that I did not add is add list of locations stored as a route on a map, but I made a line between the two points and update the site constantly. I only need to pay in Google Cloud

```
[log] result.status: REQUEST_DENIED
[log] Error draw Rout: You must enable Billing on the Google Cloud Project at https://console.cloud.google.com/project/\_/billing/enable Learn
more at https://developers.google.com/maps/gmp-get-started
[log] List Positions: []
```