This is Rentaloka app which allow customer to rent a car. This application is connected with Firebase instead of using MySQL database. There are three functionality that have been created for now which are:

1. Sign In Activity
2. Register Activity
3. Home Activity

Upon opening the app, the screen will show Sign In activity to user. User will need to fill in email and password to login. Firebase help to store user’s credential online thus, ease the login sign in process by using Firebase Authentication. When email and password have entered and button Sign in have been clicked, both credential will be send to Firebase through function signInWithEmailAndPassword(), which provided in Firebase Authentication library. If error is appear, the app will produce a notice at bottom of the screen stating what error occurred.

There is also a button in Sign In activity which let the user register for this app. When customer click register button, new activity Register will be invoke. User will fill in their details and when user click submit to register, their details will be saved in database; Firebase Realtime Database which also provided by Firebase. Beside saving user’s details, when button register is clicked, new user also registered in Firebase Authentication by using function createUserWithEmailAndPassword(). Before creating user and adding user to database, function checkEmail() will check if email filled in is exist within database. If does not exist, user will be added to database and account will be created. If exist, user will be directed to Sign In page with the email and password entered from Register page.