CHAPTER 5
IMPLEMENTATION AND TESTING

5.1 Implementation

Here are the main methods used so that this project can run for the store admin can view customer orders. And the customer can choose the store based on the nearest store from customers.

Method on the first figure, bList button check the admin account login store today to get the data from the store based on the input when the previous login. After that the ordering customer data with the status “Pending” will be shown with calling the class ListOrderActivity. And then on figure 5.1.2 is table BarangToko read to get all the store location based on latitude and longitude are saved in the database of the firebase after it displayed on the map.

Illustration 5.1.1: Get current store admin login

Illustration 5.1.2: Customer get store based on nearest location
To get all the store based on the nearest location from customers then on line 300-312 will retrieve data from the table BarangToko who read starting from the name that contains the name of the store, in line 303-304 to passed the reading of data from a firebase database and are selected based on nearby store with customers with a radius of two kilometers to be shown on the map.

5.2 Testing

Illustration 5.2.1: Customer select the store

Here is when customers first opened the application then application display the store. After the store that appear then it should choose a location the nearest store just yet. After that, the goods at the store that is selected will appear.
Illustration 5.2.2: Customer's orders with status “Pending”

On figure here, orders of customers received by store admin after customers complete the orders goods. And after the customers completed orders and accepted by admin store then will have a status of “Pending”. Store admin can update status orders of customers using on after the customer receives the order.
On this Illustration is all history of customer orders that are stored in the firebase database with the status of “Terkirim”. The display data above is access from store admin. The data can appear after admin update status.