CHAPTER 5
IMPLEMENTATION AND TESTING

5.1 Implementation

In implementation explains the important code contained in this project.

Coding 1.

List View code:

This displays all user orders in the Courier Application it has a data “status” and value “Belum Terkirim”.

```
final Firebase firebase = new Firebase("https://buydata-66bfa.firebaseio.com/detailz");
Query query = firebase.orderByChild("status").equalTo("Belum Terkirim");
query.addChildEventListener(new com.firebase.client.ChildEventListener() {
    ...
});

mValueView.setOnItemClickListener(new AdapterView.OnItemClickListener() {
    ...
});
```

Coding 2 .

buatPetaBaru code:

This creates a map and creates a route in the Courier Application.

```
public void buatPetaBaru() {
        ...
}
```

Coding 3

Insert data code :

Enter the required Firebase API application data.

```
If (...)
    {
        nama = editnama.getText().toString().trim();
        ...
        detail.child("IdBuy").setValue(tanggal);
        ...
        }
        else
            {
                nama =editnama.getText().toString().trim();
                 ...
                detail.child("idbuy").setValue(tanggal);
                 ...
              }
```

5.2 Testing

Here are the result of two menu executions: List View and Maps. Below are the results:

1. List View Test :

The results of this test will show all Firebase database data in the application.

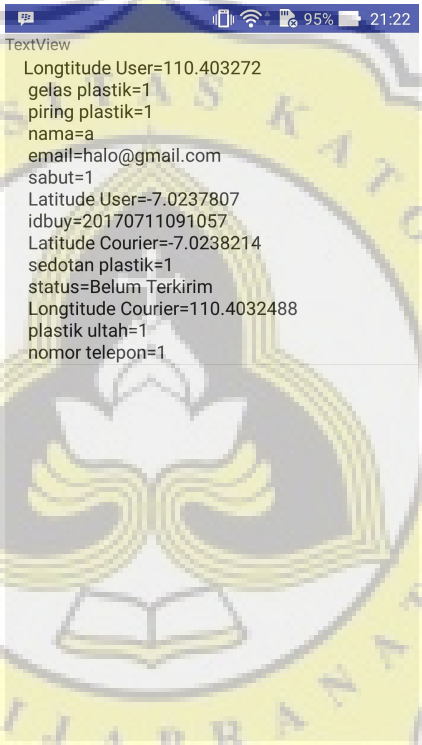

Illustration 1: 5.2.1 List View

2. Map View Test:

The result of this test will show the place with the shortest distance to send the destination order.

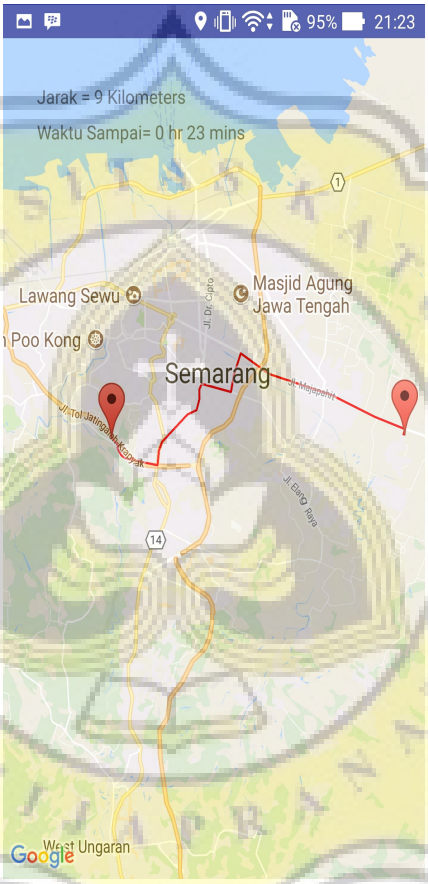

Illustration 1: 5.2.2 Map