

CHAPTER 3

RESEARCH METHODOLOGY

Steps to complete the project are :

1. First of all, this project needs to learn Google Maps API and Firebase API created in android studio.
2. This project needs to create 3 applications for User, Admin and Courier.
3. Then, create a project that can connect with Android GPS also get Latitude and Longitude.
4. Create project can create a route from start to destination and send Latitude Longitude start destination to Firebase API.
5. Create Login and Register for Users and Connect to Firebase API.
6. Create Login for Courier and Connect to Firebase API.
7. Create a User List Email Password is also for Courier and read all registered email passwords from Firebase API.
8. Create an Admin Application to read all Users and Courier as List View.
9. Make User Login and Register User, create Google Maps API also route from start to destination, Activity for Customer Buy the product then send it to Firebase API.
10. Perform Courier Application Login, Activity to display all buyer status list list "Belum Terkirim" only. After that make the Courier Application can change the status of "Belum Terkirim" to "Terkirim".