**Pick up Delivery and Tracking parcel in courier service**

**1. Background to the Problem**

Courier services is the most important thing in our day to day life and it’s more important for business purpose to carry product, documents or cash across the country. Courier service providers usually have a very large network across countries. Keeping record of parcels in a courier service company and their delivery information is carried out manually. This litters the office with much paper documents. Most often records are misplaced and when a client comes to collect his parcel, he/she spend time waiting for confirmation of the parcel. Hence delay is bound to occur while delivering parcel to customers. Also, Customers must visit the courier office for package transport. When customer give package to courier office he/she have no idea how much exact time take need to package reach and what is current status his/her package and the receiver also not confirm when or where package is.it is make people worried and waiting for phone call or massage from courier office. In this technology era it’s not acceptable. Its need to be solve for customer satisfaction and provide a good service from courier services.

**1.1Solution to the Problem**

To avoid this problem we going to propose an application that can be helped customer and courier services also.in our solution customer don’t need to go courier office for package transport and receiving package. He/she can be done it through application sitting in home or anywhere and track package current status and status the package and how much time to reach in its destination. Everything they can monitor through this application. At this time even customer is conscious about where has his package reached. The customer can track his courier through a login where he may enter this courier number and track the location status of his package. Courier tracking system where customer may check the status and location of his courier. Each point of distribution (courier services) has its login access. On login the person needs to make an entry of a package. Adding a barcode to every package so that every point just needs to scan the barcode instead of doing a manual entry of package number. This data is directly uploaded the main system that now keeps track of latest location/status of the package through an active internet connection. The system can add also GSM and GPS Tracking to locate company vehicles in real-time anywhere in the world. Individual vehicle locations are plotted against a visual map displaying geographical location of each vehicle in relation to each other. The data stored on server can now be used for live package status tracking by customers. Customers may login to the application in order to enter their unique package number. On entering the number system first gets the last recorded status of that particular package and shows this data to the user. The user may now track his package as and when needed. Once the package reach its destination the system notify customer through a notification that the package is arrive and you also select home delivery and payment several option to get the product.

Its helps people lot and Receiver and provider can track package and its provided extra security to the product. It even helps the authority to keep an eye on sent goods and its time saving and insure package security.it is beneficial for courier service business and provide good services and customer satisfaction that they can business with them and increase their Business and profit.