

Ezy Courier

Saisudha D.K¹, Ramya²

^{1,2}Dept of Master of Computer Application

^{1,2}NMAM Institute of Technology, Nitte Udipi, Karnataka, India.

Abstract- This paper is about building an EZY COURIER application with Tracking awareness. It enables customers can track their order and estimate time of delivery. The customer can create an account and can place the order.

EZY Courier enables part as for courier receiving and dispatch system where admin can maintain records of the order can find the shortest route for the order to be dispatched. It also helps the records of salesperson and customer can track their order and get estimate time of delivery.

Keywords- Ezy Courier, Tracking Awareness, destination, Request For Quotation

I. INTRODUCTION

1.1 Project Introduction

Basically “EZY COURIER” aims to provide services to customers so that they can track their order and the estimate time of delivery. The basic idea of this project is to build a website for courier receiving and dispatch system, where admin has to maintain records of all the orders, and to find the shortest route for the order to be dispatched. It can also keep the records of salesperson and customer can track their order and get estimate time of delivery.

1.2 Problem Description

Courier has been standard way of communication in today’s environment .Companies deal with a higher volume of packages .Due to the fact that these packages are processed through large facility ,it is easy for a package to wind up in the wrong place or sent on the wrong route. Courier drivers follow a carefully planned route each day .Unfortunately, any problems on the road can cause delays in their schedule .Finding the right address is often challenging and is probably one of the most common problems courier face .Labels are key to identifying and transporting packages to the right destinations. Sometimes however, they get switched upon collection or get damaged in transit. This is when your parcel can be considered as lost, as it becomes impossible to identify it without any label.

II. LITERATURE SURVEY

Companies deal with a higher volume of packages .Due to the fact that these packages are processed through large facility, it is easy for a package to wind up in the wrong place or sent on the wrong route. Courier drivers follow a carefully planned route each day .Unfortunately, any problems on the road can cause delays in their schedule .Finding the right address is often challenging and is probably one of the most common problems courier face .Labels are key to identifying and transporting packages to the right destinations. Sometimes however, they get switched upon collection or get damaged in transit. This is when your parcel can be considered as lost, as it becomes impossible to identify it without any label.

A “Ezy Courier” is a portal for courier receiving and dispatch system, where admin can maintain records of the order , can find the shortest route for the order to be dispatched . It also keeps the record of salespersons, and customers can track their orders and get estimate time of delivery Also, add a feature to solve the package problem

III. SYSTEM STUDY

The existing courier system has got following limitations:

It is time consuming job.

It is difficult to maintain the courier detail.

Preparation of report is not easy work.

Maintaining information and retrieving information according to our needs are limited.

Computerization is economical both in terms of economy and manpower uses.

Manually maintaining the data's is tedious and sometimes information may be lost or overloaded by human.

IV. PROPOSED SYSTEM WITH OBJECTIVES

The main object of this “Ezy Courier “ project is to design and develop computerized system , which would be helpful to carry out the courier services in the easy manner .The newly proposed system eliminates the manual problems and tie consumption .There is no chance of errors while retrieving records using this proposed systems .

Proposed System has the following advantages :

Computerization gives the high degree of maintenance.
 Computerization provides a better and easy record facility
 Computerization will reduce the manual work problem
 Computerization maps the location and finds the shortest path and gives estimated time of delivery.
 It is proposed to make the new system extremely user friendly with well designed screens and limited inputs and required Amount of outputs

V. EXORDIUM

In recent years the freight transportation industry has been encouraged to adopt more sustainable practices and reduce the negative externalities it generates within cities world wide ,such as congestion and air pollution. Understanding the key trends driving Urban Freight Transport(UFT) and is main generates is vital to achieving more sustainable city logistics.

VI. METAPHYSICAL

This work presents a decision support system that allows services provides in the courier ,deliver industry to improve speed and effectiveness in the pricing request for quotation(RFQ) for logistics services this will be achieved, firstly by calculating the impact of the insertion of new customers into an existing CEP network based on the marginal cost by solving a large scale vehicle routing problems .Secondly the knowledge of the CFP company’s sales organization about the success of the former RFQ’s and the competitors pricing policy.

VII. CHALLENGES

Delivery companies experience a host of problems in their service delivery. These problems often end up increasing the cost of services, time wasting and poor service delivery .The goal of any firm is to make the most amount of money in the shortest time possible. However for most courier companies, this objective is far from being accomplished.

Messaging service

There exist a general uncertainty about whether a document is delivered/collected on time every time. Most delivery companies maintain their records in delivery books or files this manual system of managing delivers often results to poor coordination of deliveries and collections. Manual system,apart from wasting lot of time,lead to weak audit trails for deliveries senders of parcel need to be notified of the status of their parcel .recipients also should be notified when their parcels are due for delivery too. Lack of delivery notifications creates a uncertainty among clients regarding your services their liking to seek services from other company’s they can trust.

Administration Head aches

Most company’s find it very hard to effectively monitor the task of their messengers.It is practically impossible to monitor the messengers time because of the variables involved-traffic jam, parking ,identifying delivery points,waiting time for collections,vehicle breakdowns extra The other admintration head ache that most manager in the parcel delivery industry face include finding replacement messenger when routing messenger are on leave,off sick extra. This can greatly slow service delivery and put off customer maintaining personal records for the messenger; pay, leave, overtime can also be challenging for new form in the industry managers need to find better system to help manage the companies records.

Escalating Overheads

There exist both direct and indirect over head relating to document collections and delivers are quite phenomenal. Some of those cost include :salary for messenger and drivers used in document collection and deliveries,direct transport cost for motor vehicle, fuel, insurance, repairs, taxis, postage cost for posting of letters.

VIII. TECHNICAL FEASIBILITY

Technical feasibility of a project determines whether a project can be developed using the technology on hand. The system is technically feasible as the front-end and the back-end required for it is available. System is developed by using JAVA-ANGULARJS as a front end and ORACLE HIBERNATE Database as a back end. For connecting remote site with user’s network we have used the APACHE TOMCAT V7.0. In this way system will allow application to communicate with users.

IX. ECONOMIC FEASIBILITY

“EZY COURIER” could choose market to general customers there is no age restrictions, customer of all the categories can place an order in our company. A company aims to make sound performance decision within minimum time frame.

X. LEGAL FEASIBILITY

The proposed system to be developed and the subsequent usage of the system shall adhere to the legal requirements including the Data Protection Act.

XI. OPERATIONAL FEASIBILITY

Operational feasibility covers two aspects. One is technical performance and other is acceptance by users. The system is operationally feasible as it is very interactive and user friendly.

XII. CONCLUSION

Thus after we have developed the software it will be very helpful for an organization to find Shortestrouteto destination so that it make sound performance decision within minimum time frame and customer can check estimated time of arrival and approximate date of arrival of the parcel.

REFERENCES

- [1] G.Bailey,T.Cherret,B.Watson Proceedings of (2004). IEEE International Conference on Service Operations and Logistics and Informatics pp. 260-265
- [2] Jiu Wen, Yanchun Sun (2017). IEE International Conference on Web Services(ICWS), pp. 564-571.
- [3] Suvidha D.Dhore,Shailaja C.Patil (2016) International Conference on Information Technology(InCITE) -The next Generation IT Summit on the Theme -Internet of things :Connect your Worlds ,pp..288-292.
- [4] Marcel Kunkel ;Michael Schwind (2011) .IEEE 13th.conference on commerce and Enterprise Computing,pp..58-65
- [5] Basar Oztaysi; Serdar Baysan; Pinar Dursun(2007) 1st Annual RFID Eurasia.,pp.1-5.
- [6] Hee Jeong Lee; Hyun Jeung Ko; Young Hwan Sohn; Chang Seong Ko(2008) 3rd International Conference on Innovative Computing Information and control,p.o..112-112.