**Smart Courier Service**

**Synopsis**

**1. Introduction**

Today’s world is very fast and competitive. To achieve the success in this competitive world, one should be aware of computer knowledge and information system related to business because computer knowledge and the information system plays a major in our day to day life, and nowadays computers are used everywhere in the world to maintain data, details and lot of manual work can be reduced. Hence there is a need for identification of the current and feature requirement of the problem and develop a flexible software system.

In concern to this here we are developing a “Courier Service” by online. The main objective of the courier management system is to manage the details of courier, Email Notification, Payment, Delivery, Customer. It manages all the information about courier, bill, Customer, courier. The project is totally built at administrative end and thus only the administrator is guaranteed the access. The purpose of the project is to build an application program to reduce the manual work for managing the courier, Email Notification, Bill, Payment. It tracks all the details about the payment, delivery, and customer.

**Existing System**

The courier system involves a lot of the employees at the office. The data for a particular courier maintained in a proper file. A person summarizes all the data of the courier in a register, this work require a high-level of attention since it has to be taken care that no wrong entry goes into the register. This repetitive work may lead to errors in the entry thus resulting in the wrong entry of courier packed data.

**Limitations of existing System**

* It involves managing a huge number of data each having separate data items
* All the work is done at a very large volume, so we have a possibility of losing the data.
* To look for a particular problem the entire system is searched, so the process becomes more time consuming.

**Proposed System**

After a detailed study of the existing system, it is evident that is does not fulfill the objective of the organization. To make the objective possible for the organization, it is required to have a computerized information system with the help of which all tasks can be processed more accurately and quickly. To achieve this, it is necessary to design and develop a new system. Proposed system is being designed in such a way that many users can have a view with the system simultaneously; it makes effective and perfect utilization of man power and resources.

**Advantages**

* Easy in maintaining information
* User satisfaction
* Safety
* Highly accurate
* Less time consuming

**2. Motivation**

In the present scenario of flourishing e-commerce, logistics play a significant role in easing out trade activities and ensuring successful business endeavors. Logistics includes production, inventory, and warehouse management.  Logistics providers are struggling to meet dynamic consumer demands. Thus, courier management system has become a necessity to simplify complex business models. Hence it is suggested to automate the process by developing the relevant software as the world is moving from manual working to information and technology era where automation becomes important in all part of life.

The main purpose of this system is to connect all branches to centre database so the everywhere information is same. This system increases the efficiency and increases the customer satisfaction level.

**3. Tools and Technology**

**Software System Configuration**

Operating System : Windows XP or Higher Version

Application Server : Tomcat5.0/6.X

Front End : HTML, Java, Jsp

Scripts : JavaScript.

Server side Script : Java Server Pages.

Database : My sql

Database Connectivity : JDBC.

**Hardware System Configuration**

Processor - Pentium –IV

Speed - 1.1 GHz

RAM - 256 MB (min)

Hard Disk - 20 GB

Floppy Drive - 1.44 MB

Key Board - Standard Windows Keyboard

Mouse - Two or Three Button Mouse

Monitor - SVGA

**4. Expected Outcome**

Nowadays everything is digitalized; about 99% of the services are becoming online. After the completion of developing this software product it will be able to work accepting courier orders from the user organizing it according to the address given and delivering the product to the destination and after delivering the Product the delivery report is sent to the user. By implementing this system it will reduce lot of manual work