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Pickup and delivery schedule by kyc document verification using biometric scanner

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Abstract— Logistic supply chain by KYC (Know Your Customer), which means Aadhar Card, Voter Id, etc. documents verification by biometric Scanner to prevent fraudulent activity. Over the last few years a new area of engineering science has been established whose products are likely to create large market in the future. It has been called biometrics. Biometric system is essentially a pattern recognition system which recognizes a user by determining the authenticity of specific physiological or behavioural characteristic passed by the user. First, a user must be enrolled in the system so that his biometric template (Finger print) can be captured. This template is securely stored in central database. The template is retrieved when user needs to be order and buying products by online. Depending on the context, a biometric system can operate their in a verification.

Key words— parcel services, bio-metric scanner, pickup, delivery, application

1. INTRODUCTION

The project application “Online Pickup and Delivery Schedule” profile and order the delivery process in this application has being tested for the purpose of company running simultaneously online shipment services this is specially meant for their user service specification. This is one of the good efforts by us to stand that how internet communication can be helpful in the entire service of industry. Where inquiries are always in queue.

This system however is a screen shot of the total scenario for the booming the service of industry. The basic collections with the requirements of user for a company simultaneously processing its online shipment service where the user open the account next booked their orders for delivery can view the status in online about user there booked parcel. How much lot of time it will take to reach the designation, and whether received it in original

state. And many other reasons such as the reason of blockage, requirements with the user care department regarding activating etc. In this application is security based so here using the Bio-Metric scanner with user registration.

At this domain of the system application is to a large area so the best and comfortable way is internet as this is the one of the good way to satisfy the user requirements. A website can be the best interface between the user and the admin. With the advent of the communication technologies wavered. Every year billions of people around the world are using internet communication, to interaction between the people in more ways than ever before activity to date the find old schoolmate friends check of medical details and cures to react and solution and interactive view of the latest news also gives live telecasting and sales, help online and maximum hit mostly in all the industries. This is an instance to show that how internet communication can be the wonderful deal with the very fast growing network of best technology. Whether in the modern or information retrieval term of the application. The extract of all these whether the data access retrieval and our goal is placed in a well ordered by using it's technologies on the internet. We will not lose our data information whether it is user or service provider. So application is now very helpful in few other cases too:-

- Fast to retrieval of data and notifications around the nation by browsing the internet and the current system is the fully globalized.

- Easy to access by sitting home to most of the work Places.
- Easy to access the database with the valuable functions of online entertainments social media jobs and placements. Through this portal we have tried to automate the process of an instance of the user care industry service a web based application support for a shipment and parcel to provide automates the service regarding their parcel (packets and parcels) delivery status.

A request of picking up the parcels from source to designation for delivering these parcels. Two times of process are assigned to each request: a pickup the parcel and deliver the parcel with the particular time duration.

2. RELATED WORKS

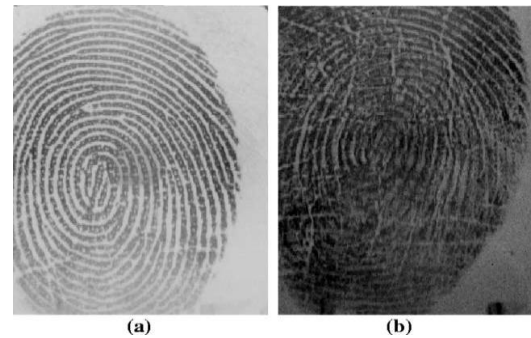
A parcel service provides door to door shipping and delivery for parcel as gifts, letters and other shipments. Parcel service range from local to national. As you consider this applications as how to select a parcel service, look at your shipping needs. While typical mail and shipping information work well for many industries, a parcel service may be a more economical, convenient and practical option for other Companies Parcel services can make shipment packages of all sizes easy.

Convenient online shipments and user communications and interfaces, automated bill calculated and to make a parcel service an ideal option for many businesses services. With some simple tips and tricks, you can notify out how to select a parcel service that best suits your needs.

Parcel service basically offer delivery guarantees, insurance coverage on your shipment, and other helpful features. The ability to easily schedule pickups can be convenient and save time and trouble. Parcel services can also offer timely delivery of your packages whether you require same day, express or overnight shipment. A consistent relationship with a parcel service can make shipping an easy part of business industries. A good quality, easy to use parcel service can make your user and customer transaction relationships run and maintain smoothly.

In this application we use for security purpose in finger print identification using Bio-Metric Scanner. Every humans have a some unique identification there are eye balls finger print and characteristic activity these all called unique identification in humans. In this application we used fingerprints for personal identification for many centuries and the matching accuracy using fingerprints has been shown to be very high. A fingerprint is the pattern of ridges and valleys on the surface of a fingertip, the formation of which is determined during the first seven months of fetal development.

Fingerprints of identical twins are different and so are the prints on each finger of the same person. Today, a fingerprint scanner is familiar with laptop and mobile phones. The below figure shows the level of figure prints.



2.1. KNOW YOUR CUSTOMER (KYC)

KYC Stands for “Know Your Customer”. Know your customer (KYC) policy is an important step developed globally to prevent identity theft, financial fraud, money laundering and terrorist financing. The objective of KYC is to enable banks to know and understand their customers better and help them manage their risks prudently.

KYC is a regulatory and legal requirement and KYC policies are framed by respective banks incorporating the key elements following the Reserve Bank of India’s directive in 2004 such as Customer Acceptance Policy, Customer Identification Procedures, Monitoring of Transactions and Risk management

The process of KYC entails identifying the customer and verifying the identity by using reliable and independent documents or information.

While opening different accounts, the Bank collects documents to identify and verify the customer as required under the existing laws to demonstrate that it has performed the existing KYC procedures.

2.1.1 KYC CONTROLS

- Collection and analysis of basic identity information (“Customer Identification Program” or CIP).
- Name matching against lists of known parties.
- Determination of the customer’s risk in terms of propensity to commit money laundering, terrorist finance, or identity theft.
- Creation of an expectation of a customer’s transactional behavior.
- Monitoring of a customer’s transactions against their expected behavior and recorded profile as well as that of the customer’s peers.

For Accounts of individuals, the bank will require the following information and documents under KYC.

1. Legal name and any other change in names used.
2. Correct permanent address.

The individual/s will have to provide the original document for verification and submit a copy for the Bank’s record.

• **Identity Proof**(any one of the following)

- i. Passport
- ii. PAN card
- iii. Voter’s Identity Card
- iv. Driving license
- v. Ration Card
- vi. Identity card (subject to the bank’s satisfaction)

• **Address Proof**(any one of the following)

- i. Utility bill.
- ii. Bank account statement received by mail / courier along with signature verification by the Banker or drawn on that account for a minimum amount as specified by the Bank, deposited into the account.
- iii. Ration card.
- iv. Letter from employer (subject to satisfaction of the bank).

2.2. WHY KYC

KYC has to be followed by every financial institute while dealing with customers. KYC procedure needs to be adhered to by a customer during following instances:

- While opening an account in a bank.
- While applying for a credit card or loan.
- While opening a subsequent account.
- Opening a locker facility.
- When there are not enough documents with the bank in existing account.
- When there are changes in signatories, beneficial owners, etc.
- When the bank feels it necessary to obtain additional information from existing customers based on conduct of the account.
- While investing in a mutual fund.
- Financial institutes may ask for a mandatory KYC process in other instances too.

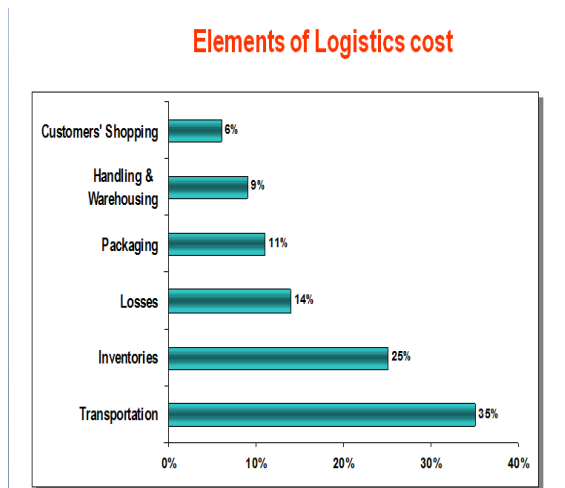
2.3. LOGISTIC METHOD

The Logistics sector in INDIA has today become an area of priority. One prime reason for the same stems from the reason that years of high growth in the Indian economy have resulted in a significant rise in the volume of freight traffic moved. The large volume of traffic has provided for growth opportunities in all facets of logistics including transportation, warehousing, freight forwarding, express cargo delivery, container services, shipping services etc. The growth path also suggests that increase demand is being placed on the sector to provide the solutions required for supporting future growth. Strength of the logistic sector is likely to be one of the key determinants of the pace of the future growth of the economy.

The market size of the logistics sector in INDIA is estimated to be between USD 90-125 billion. Given that the Indian economy has grown to over USD 1.73 trillion, these estimates may already be well below the actual size of the industry. Sources estimates that the industry employs over 45 million people and is going at the rate of 15% with sub-sector growing at even 30-40% per annum. Due to these reasons the Indian logistics sector is viewed as one of the most attractive in the world. Recent policies by the government attract a strong growth

area for logistics in the future. The elements of logistics cost is blow.

The logistic supports many processor in the scanner to find out might be scanned. Unique identification process in solution to save the database.



2.2 LOGISTICS-NEXT TRENDS

India has become the prime destination for logistics service providers all over the world. The demand for logistics services in India has being largely driven by the growth of the economy. The growth is projected at 7-9% in next few years, with the Compounded Annual Growth Rate (CAGR) expected to grow at rate of 7-8%. This growth is expected to gain greater momentum due to exponential growth of the Indian economy. India is also experiencing a big retail boom as the buying capacity of the middle and upper middle segment of the population have scaled new heights. Many large MNCs from the retail industry are planning to set up operation in India and large local retailers are also planning to expand their operations.

3. APPLICATION USAGES

There are some main usages of these online pickup and delivery shipment. Very useful to use this applications methods are given below:

- Less Time
- Easy Bill Calculation
- Parcel Tracking
- Quick Response

Less Time: Using this online shipment user can easily communicate with our services and save the time to reach and contact to the parcel industries.

Easy Bill Calculation: Using this online shipment user can check different price for services provide in that cities where the user want or not.

Parcel Tracking: Using this online shipment user can communicate with our services and save the time to reach and contact to the parcel industries.

Quick Response: User can send the online request to the admin for his requirements. User can send the pickup request to the customer.

3.1 MANAGER API

In this reading API Manager before you need to be familiar with the basic functions of IBM Business Process Manager and with the general concepts of business process application development. Knowledge of Java, JEE, JUnit, DBUnit, Spring, JavaScript, WebSphere Application Server (including configuration of data sources), web application security, representational state transfer (REST) architecture, integrated development environments (such as Eclipse), programming languages in general, and software test automation are assumed. If you don't have experience writing automated test cases in Java, we recommend that you become familiar with JUnit and DBUnit.

3.2. RESONS OF USING AUTOMATION

It's not uncommon for IBM Business Process Manager (IBM BPM) business processes to execute several SQL queries against one or more databases to collect data at different steps during their execution. For example, a business process design (BPD) starts with the arrival of a message and, as the process moves forward, it queries several database tables and applies business rules and logic to the in-flight data. Also, it is not uncommon for business processes to perform a few updates to a business process. Therefore, you can write test code to ensure that the in-flight database at the end of their execution. Using JUnit and DBUnit, you can write integration test cases that automatically populate database tables (with the required data to start the execution of a process)

and that perform assertions at different points throughout the execution.

4. PROBLEMS IN ONLINE SHIPMENT

- Parcel Tracking Problem
- Time Delay Process
- Connection Lost
- Parcel lost rate high
- Location Identify problem
- Customer Fraudulent Activity
- Manual Work
- Customer Feedback

5. RESULT- MODULES

There are some modules in this application given below.

- Login Module
- New User Module
- Profile And Order Module
- Conformation Order Module
- Delivery Information Module

FEATURES OF PARCEL SERVICES:

The salient features of service are as follows:

1. The main objective of project is to provide users with the facility of taking online courier service.
2. Due to the easy and secure accessing of site multiple user access simultaneously.
3. Providing online Pickup Request.
4. Ease Packet Tracking facility.
5. User can see our all India branches online.
6. User can see our Pickup Schedule.
7. Users can check our Price of our different services.
8. Branch head can send our request to the admin for their problems.

EXISTING SYSTEM

· Due to the following limitations of the existing system, computerization of the existing system is taking place. Computerized maintenance of accounts is definitely a better alternative to the conventional manual computing maintenance due to the forthcoming reasons. The data preparation and the data entry operations are dependent mainly on people. As labor costs are high, the cost of preparing and entering the data is also high. Going through the massive number of records manually involves lots of time and patience. Computer can do a search job instantaneously with no wastage of time. Calculations by computer systems are much faster and error free than what human can do. The medium of storage for manual maintenance is paper which is not a permanent and reliable medium, since it is easily susceptible to damage due to fire, insects, cyclones etc. It even involves security concerns. However, storage medium in computerized system is magnetic disk, which is a permanent storage device. In case of manual maintenance, introducing changes such as changes in address or name fields may not be reflected correctly across many ledgers using them. The inconsistent data allows the errors to creep in and integrity of the data is lost. However, in computerized system a central database is maintained any changes taking place in any field is reflected uniformly in any module using them. Record deletion process was also manual and it makes the paper work untidy.

6. CONCLUSION

Web based application is the all in all in today's world. The object of "**Online Pickup and Delivery**" project is to harness the power of Internet for our practical and potential one. This report explains to extensively cover this concept and plant a seed of inquisitiveness in the mind of users. We hope that the users as well as the industries would maximum utilize of our project and we keep on adding new facilities which would make it very useful for other discipline persons among other industries.

The basic idea of this project is to explain the fundamental concepts of B2B(Business to Business) services and also building of computer knowledge would highly usable for general people.

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