Online Courier Management System

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Abstract- **This project Online Courier Management System has been developed in PHP, MySQL. Courier Management System which supports the high accessibility of courier services to the corporate and to the customer. The system is being used for day to day activities such as booking a courier, maintain hub details, maintain company details, process data of businesses and many other things.**
Courier Management System can be personalized to fit your business and can either be used as a complete system or as separate modules. This idea of the project represents the 'Courier Service Management System'.

INTRODUCTION

The objective of the project is to deliver an efficient Courier Management System whose main functionality apart from calculating the courier Bill include predicting the time required to reach the destination.
As per our client requirement, our main object should be managing consignment in an effective manner. The Proposed System is eliminating all problem of the existing system and automates all process in high-tech. It should keep record of customer booking and delivery details and so on can be proficient without much effort the success criteria depend on The accuracy in calculating the bill for each consignment. The accuracy in predicting the time required to reach the destination. User interface simplicity and user-friendliness.
The system will be used for day to day activities like out return, company details, hub rates, booking, and non-delivery and pickup centers. It is not easy to do this process manually because it would become very hectic.
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.

MODULES

The system after careful analysis has been identified to be presented with the following modules:
The Modules involved are

- Admin
- Offices/Branch
- Customers

ADMIN
Admin can perform the following tasks.
Login
Admin can manage & update whole data
Update Profile

Manage Offices
Add Offices.
Edit/Update Offices

Manage Managers
Add Managers(for the recently created Branch)
View/Edit/Update Managers

Manage Shipment
Add Shipper info, Receiver info and Shipment info.
Edit/Update Shipment
List all Shipment
Search by Consignment Number

Reports of the project
Report of all customers

Report of all consignment
Report of all shippers
Report of all pickup Date/Time
Report of all status
Offices/Branch
Update Profile

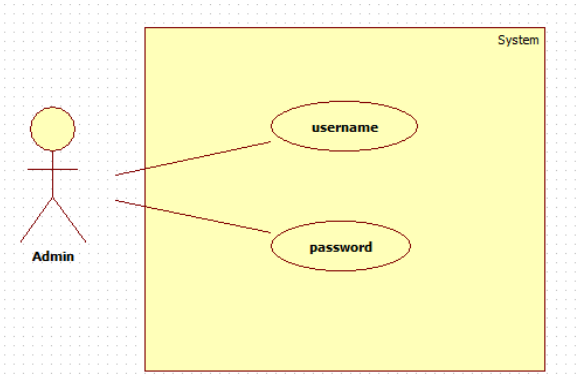
Manage Shipment (their Own Branch Customers)
Add Shipper info, Receiver info and Shipment info.
Edit/Update Shipment
List own Shipment
Search By Consignment Number

Reports of their Own Branch Customers
Report of their own customer
Report of consignment
Report of all shippers
Report of all pickup Date/Time
Report of all status
Customers (Users)

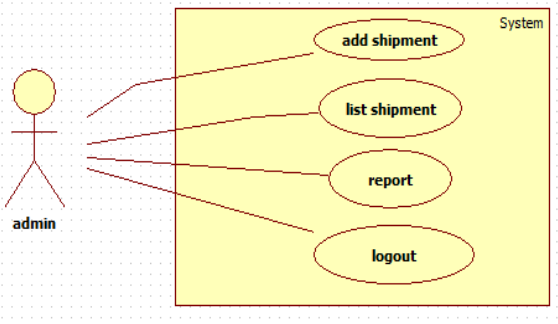
- With Limited Access
- Users can check status of their product after placing orders.

SYSTEM DESIGN

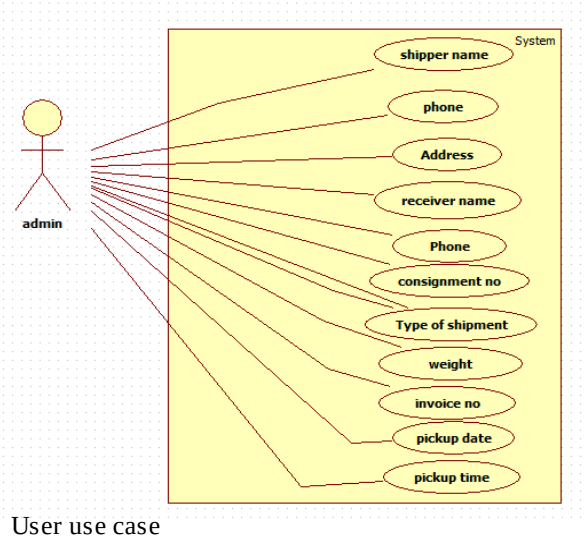
Admin Use case



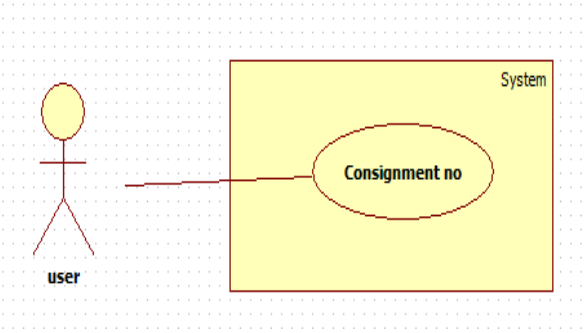
Admin operations



Add Shipment

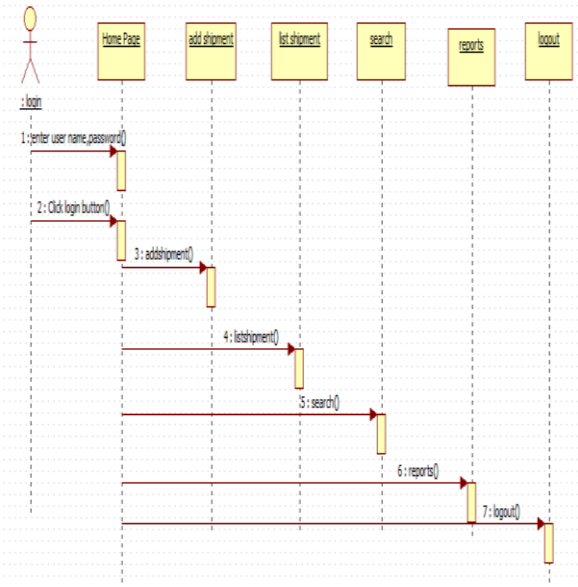


User use case

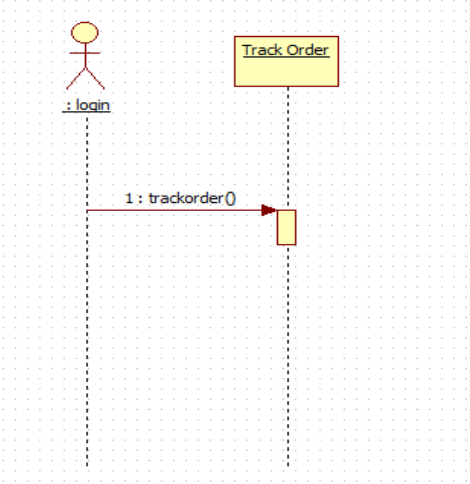


SEQUENCE DIAGRAM

Admin



Track order



TECHNOLOGY DESCRIPTION

HTML

HTML stands for HYPER TEXT MARKUP LANGUAGE, which is most widely used language on web to develop web pages. HTML refers to the way in which Web pages (HTML documents) are linked together. Thus, the link available on a web page is called Hypertext.

CSS

CSS is designed primarily to enable the separation of document content from document presentation, including aspects such as the layout, colors, and fonts. This separation can improve content accessibility, provide more flexibility and control in the specification of presentation characteristics, enable multiple HTML pages to share formatting by specifying the relevant CSS in a separate .css file, and reduce complexity and repetition in the structural content.

My SQL

MySQL is an open source RDBMS that relies on SQL for processing the data in database. MySQL provides APIs for the languages like C, C++, Eiffel, JAVA, Perl, PHP and Python. MySQL is most commonly used for web applications and for embedded applications and has become a popular alternative to proprietary database system because of its speed and reliability. MySQL can run on UNIX, Windows and Mac OS.

PHP

The PHP Hypertext Preprocessor (PHP) is a programming language that allows web developers to create dynamic content that interacts with databases.

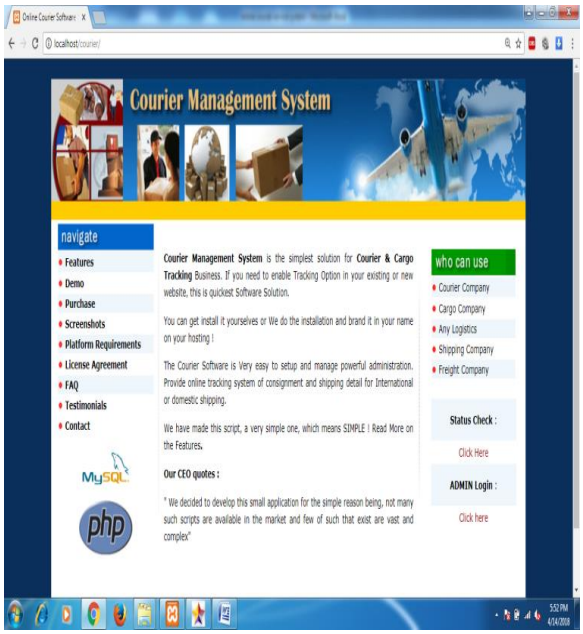
- PHP is a recursive acronym for "PHP: Hypertext Preprocessor".
- PHP is a server side scripting language that is embedded in HTML. It is used to manage dynamic content, databases, session tracking, even build entire e-commerce sites.
- It is integrated with a number of popular databases, including MySQL, Postgre SQL, Oracle, Sybase, Informix, and Microsoft SQL Server.
- PHP is pleasingly zippy in its execution, especially when compiled as an Apache module on the Unix side. The MySQL server, once started, executes even very complex queries with huge result sets in record-setting time.

JAVA SCRIPT

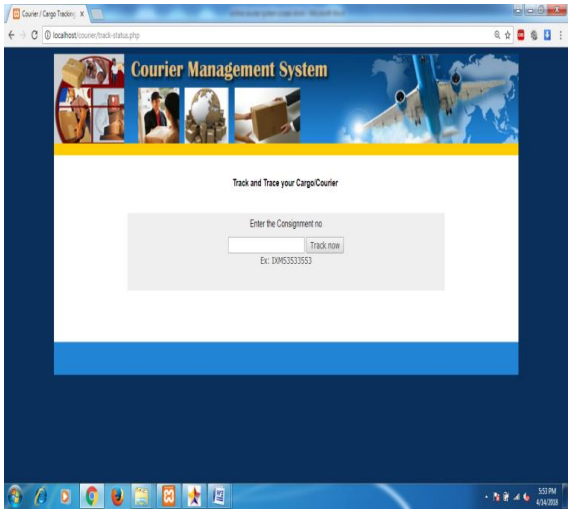
JavaScript is a lightweight, interpreted programming language. It is designed for creating network-centric applications. It is complimentary to and integrated with Java. JavaScript is very easy to implement because it is integrated with HTML. It is open and cross-platform.

Screen Shots:

Home Page

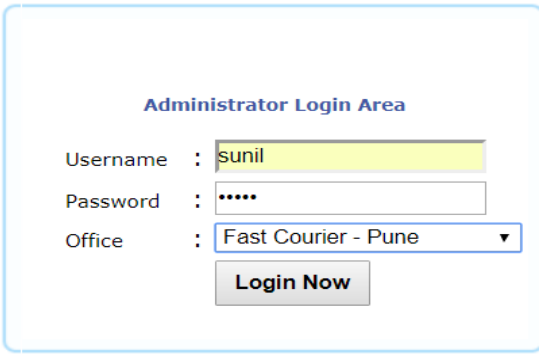


Track Order

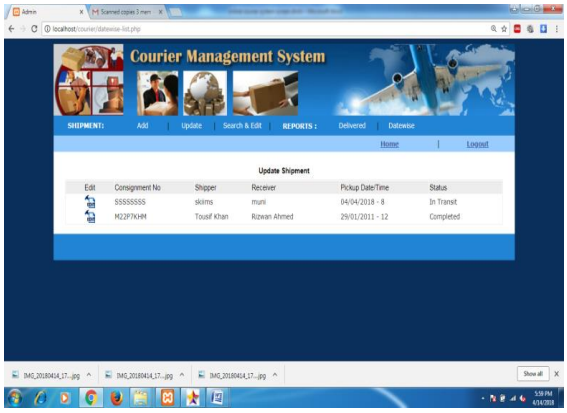


List of shipments

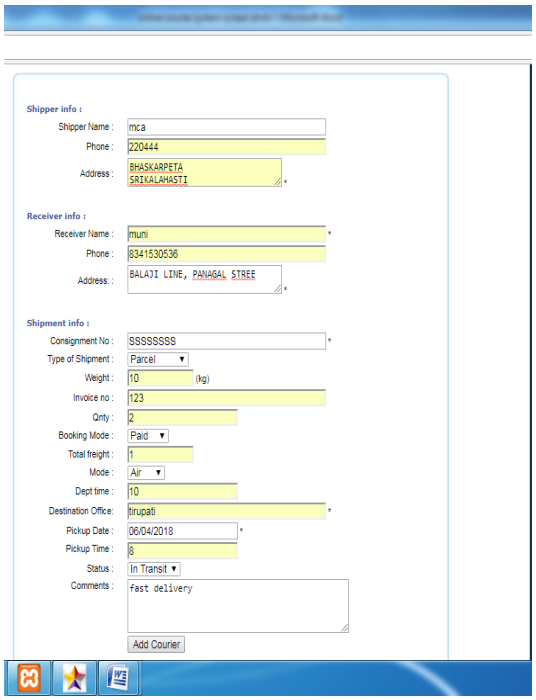
Admin Login



Reports



Add Shipment



FUTURE SCOPE

It is still mature and fully enthusiastically. Any requirements, this project are completed but still, they want to update and modify some modules. We are always thinking about association requirements also growing day by day.

We always want to implement something more. This project is completed when you watch, but we want to implement more things.

- Online Chat
- Overseas Service
- Pickup Request On chat
- Extending geographical research

CONCLUSION

The project titled 'Online Courier Management Service' was developed to the courier services and

direction and with their help. The system was tested and the performance of the system was found to be acceptable.

All the necessary output was created. The system was found to be user-friendly with help message for the customer. The menu Driven Architecture of the system provides an easy to use environment for the users.

The system was implemented successfully. The manpower and working hours needed to operate the system was less and it was seen to be more secure. Thus, the Project was completed successfully.

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