

REAL-TIME ONLINE TRACK AND TRACE POSTAL PACKAGE SYSTEM USING PARALLEL SENDING ALGORITHM

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Abstract: This present study “Real-Time Online Track and Trace Postal Package System Using Parallel Sending Algorithm” has been developed to Sending courier with view policy and searching courier status. This website contains information about user function such as booking the couriers and services, loading the collection of lots in the selected courier in container as well as administrator function such as office registration, creating user, viewing suggestions and complaints of user, adding new cities and states, view the status of consignment etc User can check their status of shipment according to invoice no which is provide to them .Only admin have authority to add and update information of shipment .

Keyword- Online Service, Client,Shipment Search,Status of shipment, message

I. INTRODUCTION

The project “Real-Time Online Track and Trace Postal Package System Using Parallel Sending Algorithm” delivery status and notification system has being tested for the need of company running simultaneously e-courier services where inquiries are always in queue.

This basically deals with the queries of user for a company simultaneously running its e-courier service where the users having booked some couriers or both for delivery can view the status online about where there booked courier. How much more time it will take to reach the place, and whether received it in original state. And many other queries such as the reason of blockage, queries with the user care officers regarding handling etc. Sender and receiver get SMS on adding and landing the shipment. It is onlice courier service so with the help of computer we can add shipment. Now-a-days online services get most commonly used.

II. LITERATURE SURVEY

- Dr. satendra Thakur and dr A.p singh have published a paper in ELK asia journal of marketing and retail management tiled a study employees empowerment, service quality and customer satisfactions with reference to India post. Customer satisfaction is concept of marketing has change over the period of time. Evaluation of information technology, modernization, globalization is become more customer satisfactions.
- Ritika aggarwal has published a research article in international journal of management and technology on 6 December 2012 on the topic factor influencing customer preference towards postal saving schemes. The objective of this study is to explore factors that influence investor to invest among post office saving product. The present system study and examines the factor that appear to exercise the greatest influence on the investor decision making. Study and identified influence these factor on post office system.
- Chattopashyas subatras and Das plaban have publish a paper in 2014 on key decision making factor in the domestic service. A reader of decision making literature is well aware of the vast amount of the literature in the area of decision making. Decision making continues to attract research.

III. EXISTING SYSTEM

In the existing system all work are done manually so the system take much more time to complete their work . In existing system have more chance to misrule of management happens day by day.

In existing system there is no proper co-ordination between people and related application , it is one of the drawback of existing system .

Existing system is less user friendly system is one of the reason more number of people are not connected . In the previous system sender or receiver are not able to track their courier where it is actually reached. There is no viewing policy to check the information about their courier.

IV. PROPOSED SYSTEM

The main objective of project is to provide users with the facility of taking online courier service with searching queue.

In this propose system we providing pickup facility from home or office. If in case courier is reached at home or whatever the place, if that person is not available at that time so courier is returned and we sending one message to the sender as well as receiver to collect that courier from the post office and in that message we providing the post office name and the id of that courier.

Here we using three algorithms:

1. Parallel sorting of data algorithm.
2. Search engine algorithm.
3. Message parallel sending algorithm.

In this proposed system we are using parallel sorting of data algorithm for sorting data according to their type in case of searching any entry according to their date or status of courier.

We are using search engine algorithm for searching our courier status and for that we are using here invoice number for every single user.

As we are adding shipment our data get added to database and parallaly message send to sender and receiver in this case we are using message parallel sending algorithm.

ADVANTAGES OF PROPOSED SYSTEM

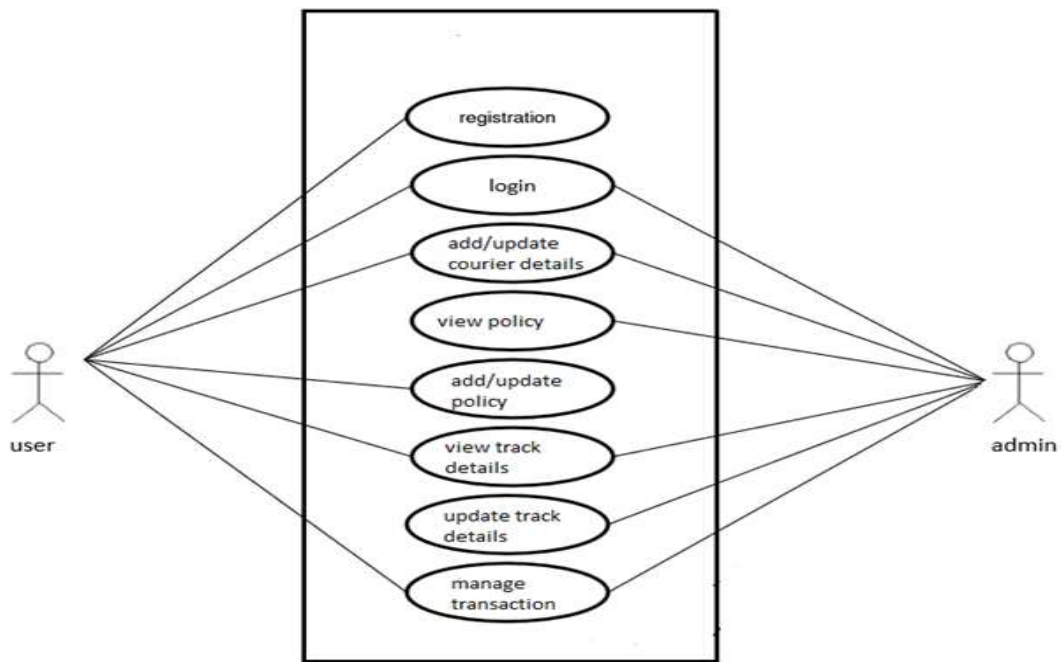
Time reduction: Through online user/company can interact with our services and save the time to reach and contact to the courier company.

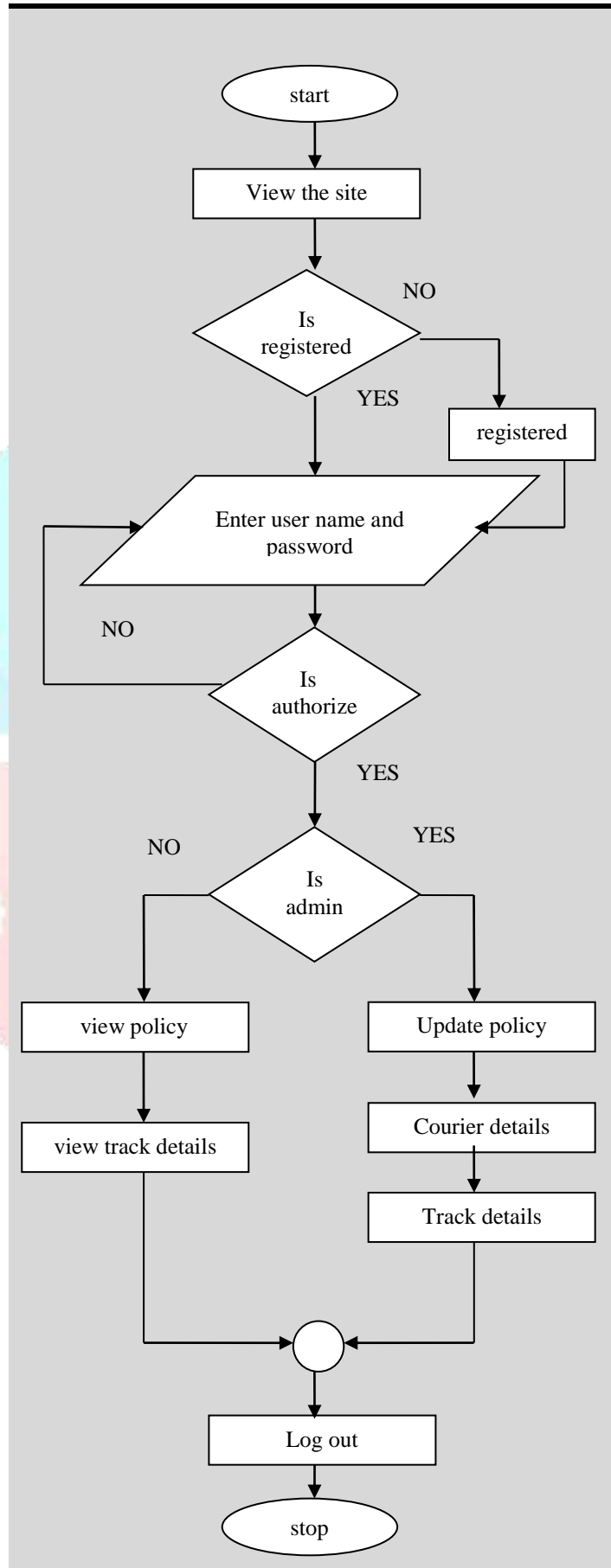
Pickup Facility(from home or office) : User can send the pickup request to the branch. The packet will be picked by company from the home.

Courier Returning Facility(Critical Condition)

Status tracking: User can send the online request to the admin for his query.

Usecase diagram





FUNCTION SPECIFICATION

There are three model

[1]USER

- User registration.
- View/update login details.
- View policy details..
- View tracking information.

[2]ADMIN

- View/update user details.
- Update policy details.
- Track the courier details.

S3.BRANCH ADMIN

This module helps the branch admin to use various services after the logged on e-courier services like:

- update status
- View status

[1]USER MODULE:

- In this module user can use various service by online with the help of internet.
- This service help the user to do their work effectively & efficiency. □They are view the login details.
- They are also view the policy details and view the tracking information.

[2]ADMIN MODULE:

- The admin helps the admin to do work with the different facility that helps to solve the problem of manual work & easily maintain.
- The admin can update policy details, track the courier details and also provides unique services

[3]BRANCH MODULE:

- Branch admin can login after those do all the needed works like packet tracking, view status

FEATURES

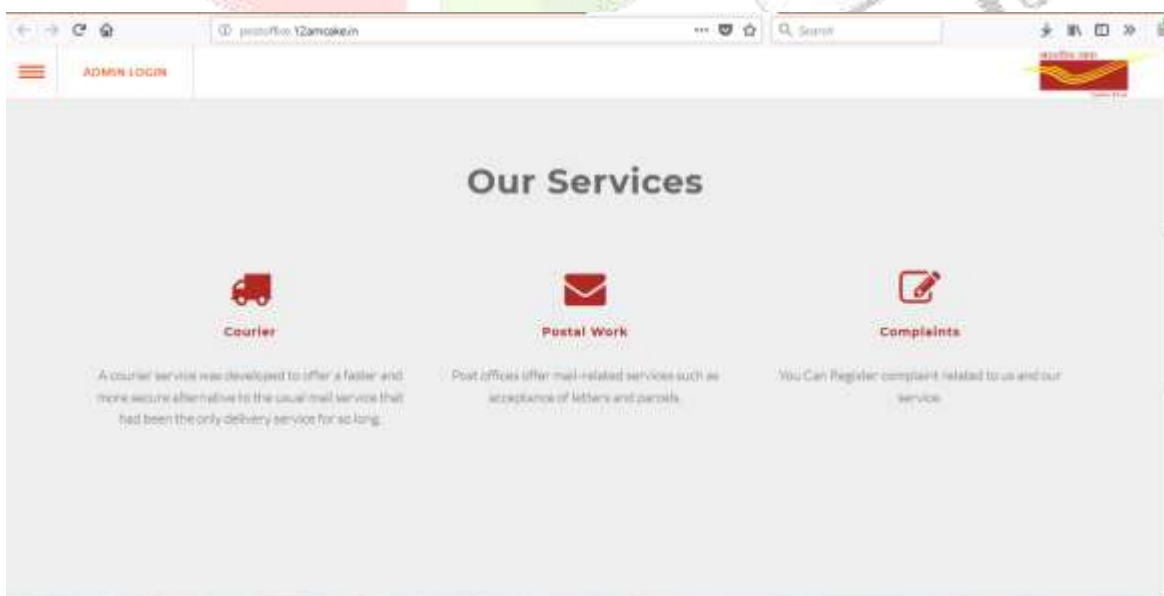
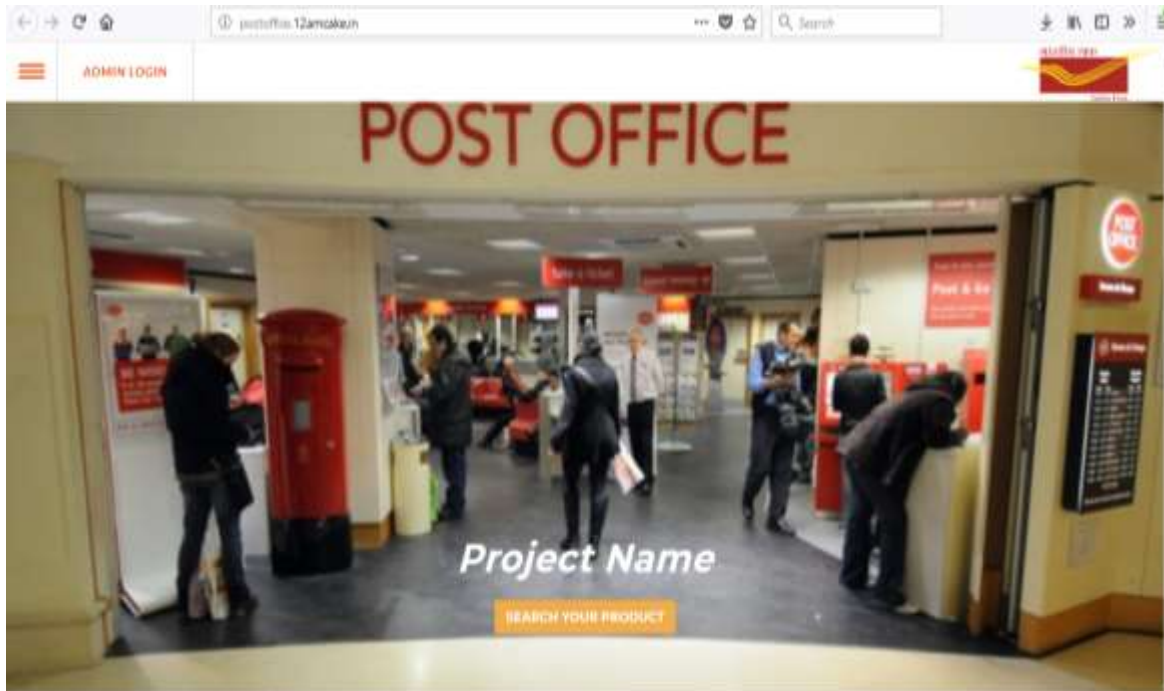
The salient features of e-courier service are as follows

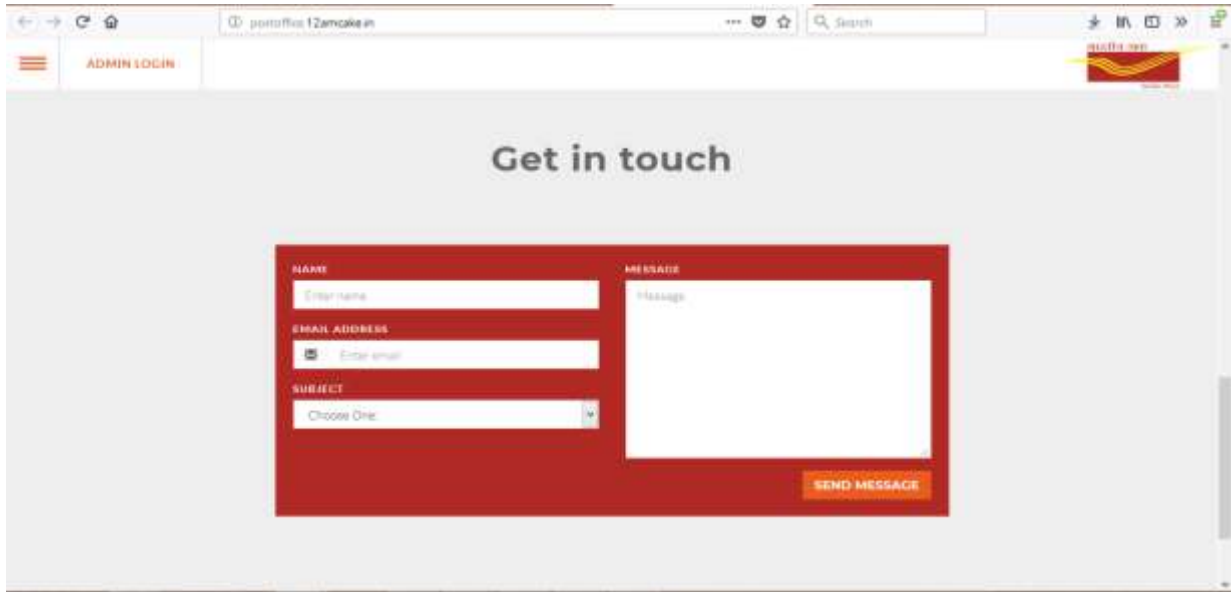
1. The main objective of project is to provide users with the facility of taking online courier service.
2. Due to the easy and secure accessing of site, multiple admin access simultaneously.
3. Providing Pickup Request.
4. Ease Packet Searching facility.

- 5. User can see our Pickup Schedule.
- 6. Branch admin can send our request to the receive your packet according to status.

V. RESULTS

Home page

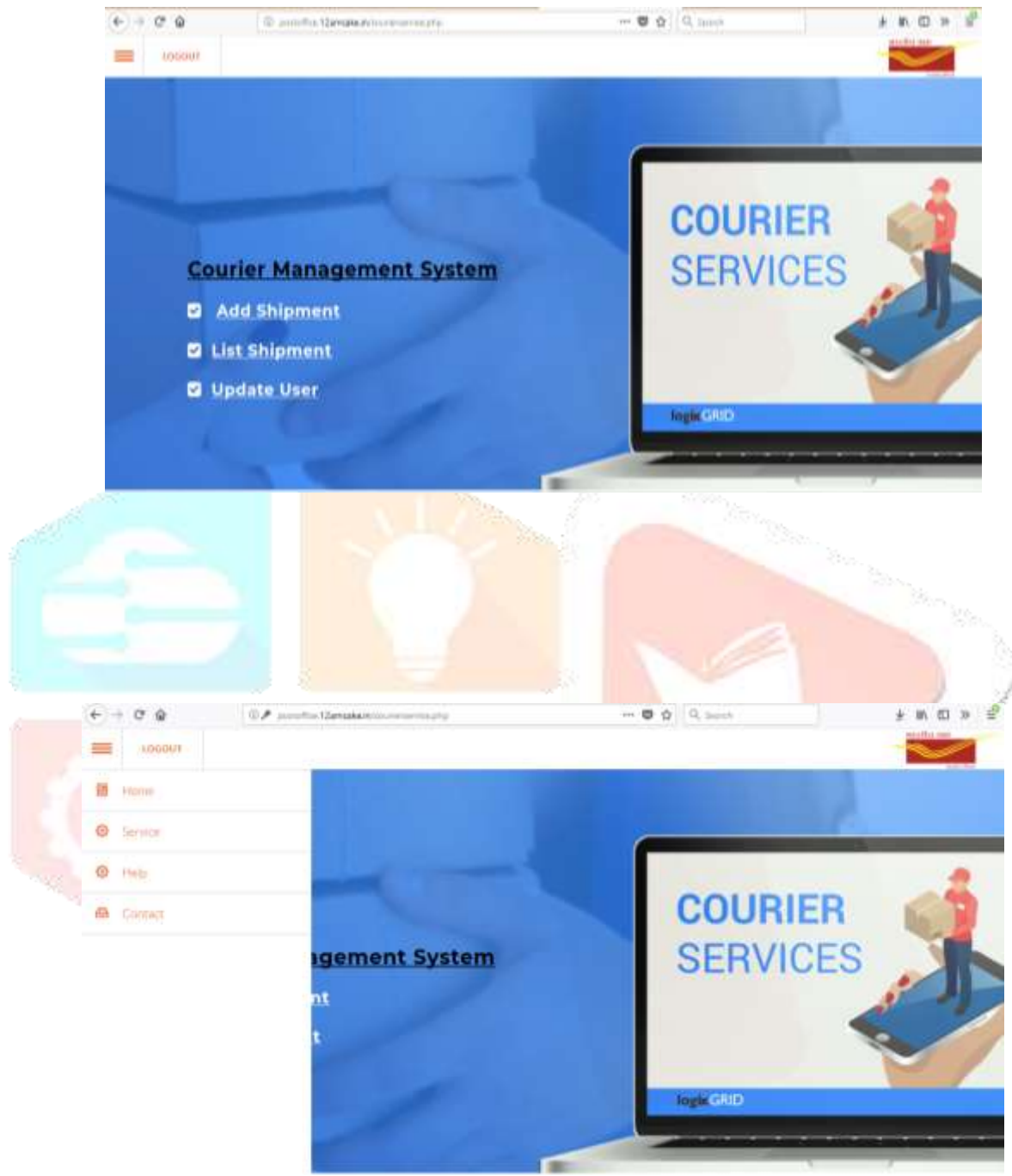




Admin login page



After login



Shipper Info

Name	<input type="text" value="nan"/>
Mobile No.	<input type="text" value="91"/>
Email	<input type="text" value="international@gmail.com"/>
Address	<input type="text" value="Chennai"/>

Receiver Info

Name	<input type="text" value="saman"/>
Mobile No.	<input type="text" value="700413466"/>
Email	<input type="text" value="samanishahar@gmail.com"/>
Address	<input type="text" value="Delhi"/>

Shipment Info

Type	<input type="text" value="Parcel"/>
Volume No.	<input type="text" value="121"/>
Quantity	<input type="text" value="2"/>
Weight(kg)	<input type="text" value="3"/>

Shipment Info

Type:

Invoice No:

Quantity:

Weight(kg):

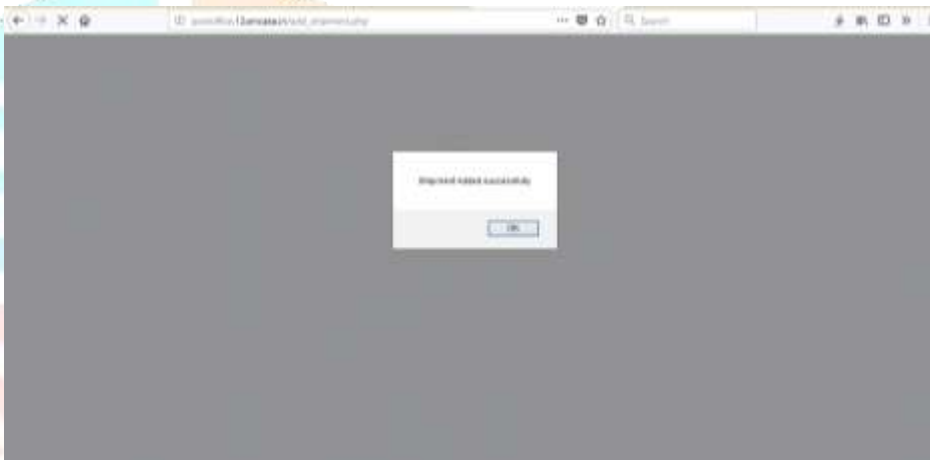
Destination Office:

Pickup Date:

Status:

Comment:

ADD COURIER



Shipment List

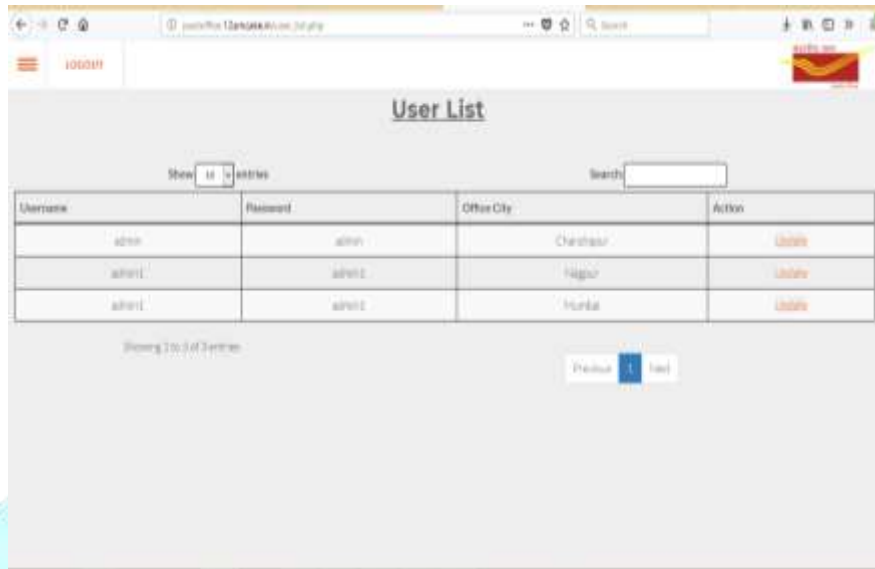
Show entries

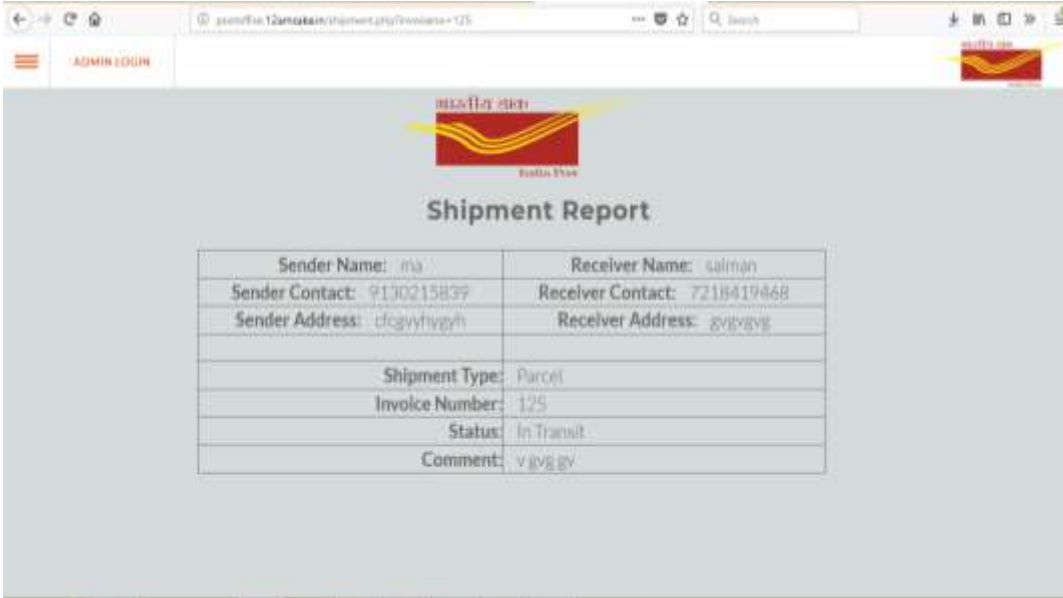
Search

Courier Id	Sender Name	Receiver Name	Status	Comment	Action
21	rg7	<div>	In Transit	gfg	View
22	mlw	mlw	In Transit	gfg	View
23	ml	mlw	In Transit	gfg	View
24	ml	mlw	In Transit	gfgfgfgfg	View

Showing 24 of 24 entries

Previous **1** Next





Shipment Report	
Sender Name: ma	Receiver Name: salman
Sender Contact: 9130215839	Receiver Contact: 7218419468
Sender Address: fvgvfyhgyh	Receiver Address: gvgvgvg
Shipment Type: Parcel	
Invoice Number: 125	
Status: In Transit	
Comment: vgvgyv	

VI. CONCLUSION

The object of “Real-Time Online Track and Trace Postal Package System Using Parallel Sending Algorithm” is sending the courier to the proper destination with the status of a courier. This proposed system contains the information about the user and also allows the user to file complaints and suggestions. Users can check their courier status by using an ID which is automatically generated by the system.

REFERENCES:

Yu Loon Ng “Short Message Service (SMS) Security Solution for Mobile Devices”, December 2006

<http://www.javaworld.com/article/207648/mobile-javas/deliver-cellular-messages-with-sms.html>Wikipedia.org

<http://www.scribd.com/doc/50770755/SRS-for-e-post-office-system> Measuring customer satisfaction and loyalty by Bob E Hayes (2008).

Consumer marketing by M.V kulkarni(2005).