PANIMALAR
ENGINEERING COLLEGE
An Autonomous Institution, Affiliated to Anna University, Chennai
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(JAISAKTHI EDUCATIONAL TRUST)
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PROGRESS THROUGH KNOWLEDGE

Department of Computer Science and Engineering

DYNAMIC MATCHING FOR REAL TIME CITY EXPRESS DELIVERY

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Introduction

- Methodologies and transportation systems have changed generally recently. Clients at absolutely no point in the future need to remain by months, weeks, or even days to acknowledge their orders. They need to acknowledge their orders inside an extraordinarily close time window and need to know what is going on with their orders constantly.
- These continuously growing client suppositions are going after for associations yet likewise give opportunities to offer isolating organizations. Individuals who are obligated for organizing, arranging, working, and directing tasks structures ought to have a wide collection of capacities including planning plan, money related examination, and business route.
- This part frames the differentiation between a store network structure and a tasks system, gets a handle on the meaning of the methodologies system and how it created long term, and gives a short layout of different strategies for transportation.

Objective of the Project

In this try is really settled on resolved transportation among provider and the recipient with the assistance of EMA strategies. Which is all around utilized the defense behind speed to answer. Then the provider needs to add their thing subtleties what they going to move over the application is same. They needs give materials and that data will be forward to move pack and added their expense subtleties for the result of added by the provider. Cryptographic techniques coordinate ncryption, which integrates applying a system called a calculation to plain text to transform it into something that will emanate an impression of being chatter to any individual who doesn't have the strategy for deciphering it. Then, the provider needs to pay and the subtleties of piece receipt can ready to see by the provider and the administrator.

Literature Survey

S.NO	PAPER TITLE	OBJECTIVE	AUTHOR NAME
1.	Recognition and Classification of logistic transportation	Image processing is widely used for food recognition. A lot of different algorithms regarding food identification and classification has been proposed in recent research works. In this paper, we have use an easy and one of the most powerful machine learning technique from the field of deep learning to recognize and classify different categories of fast food images. We have used a pre trained Convolutional Neural Network (CNN) as a feature extractor to train an image category classifier.	Amatul Bushra Akhi,FarzanaAkter, TaniaKhatun & Mohammad Shorif Uddin Year:2018

Literature Survey

S.NO	PAPER TITLE	OBJECTIVE	AUTHOR NAME
2.	Asian transportations Classification Based on Deep Learning	To improve Asian food image classification accuracy, a method that combined Convolutional Block Attention Module (CBAM) with the Mobile NetV2, VGG16, and ResNet50 was proposed for Asian food image classification. Additionally, we proposed to use a mixed data enhancement algorithm (Mixup) to have a smoother discrimination ability.	Bing Xu, Xiaopei He, Zhijian Qu Year **:**2021
3.	Hybrid Algorithm for logistic Recognition, Calorie Estimation & Dietary Enforcement	Food is the fuel of human body & one of the basic necessities of human beings. Due to modern life style dietary habits of human being have changed which include consumption of ready mode, packaged & fast food with the reduction of physical labour or exercise carried out by human beings. This kind of unbalanced diet is a high risks factor for diseases & ailments such as obesity, cardiac problems & a host of other diseases.	Priya Gupta, Shikha Gupta Year :2018

Literature Survey

S.NO	PAPER TITLE	OBJECTIVE	AUTHOR NAME
4.	Machine Learning Based Approach on logistic Recognition and Transport Estimation	Nowadays, standard intake of healthy food is necessary for keeping a balanced diet to avoid obesity in the human body. In this paper, we present a novel system based on machine learning that automatically performs accurate classification of food images and estimates food attributes.	Zhidong Shen, Adnan Shehzad, Si Chen, Hui Sun, Jin Liu **Year :** 2019

Problem Statement

In this paper, we study the dynamic ride-hailing sharing problem with multiple vehicle types, user classes, and the substitution of ERHVs with PRHVs.
The dynamic problem is divided into a set of continuous and small subproblems with the same time interval Each subproblem is formulated as a mixed integer nonlinear programming (MINLP) for matching the RHVs to the requests collected in the last time interval or unmatched in previous time intervals and re-scheduling the vehicle routes.

Proposed System

Cryptographic techniques coordinate hypertext, which integrates applying a structure called a calculation to plain text to transform it into something that will transmit an impression of being babble to any individual who doesn't have the strategy for deciphering it. Then, the provider needs to pay and the subtleties of piece receipt can ready to see by the provider and the director.

Techniques:

SQL operations, Cryptography techniques

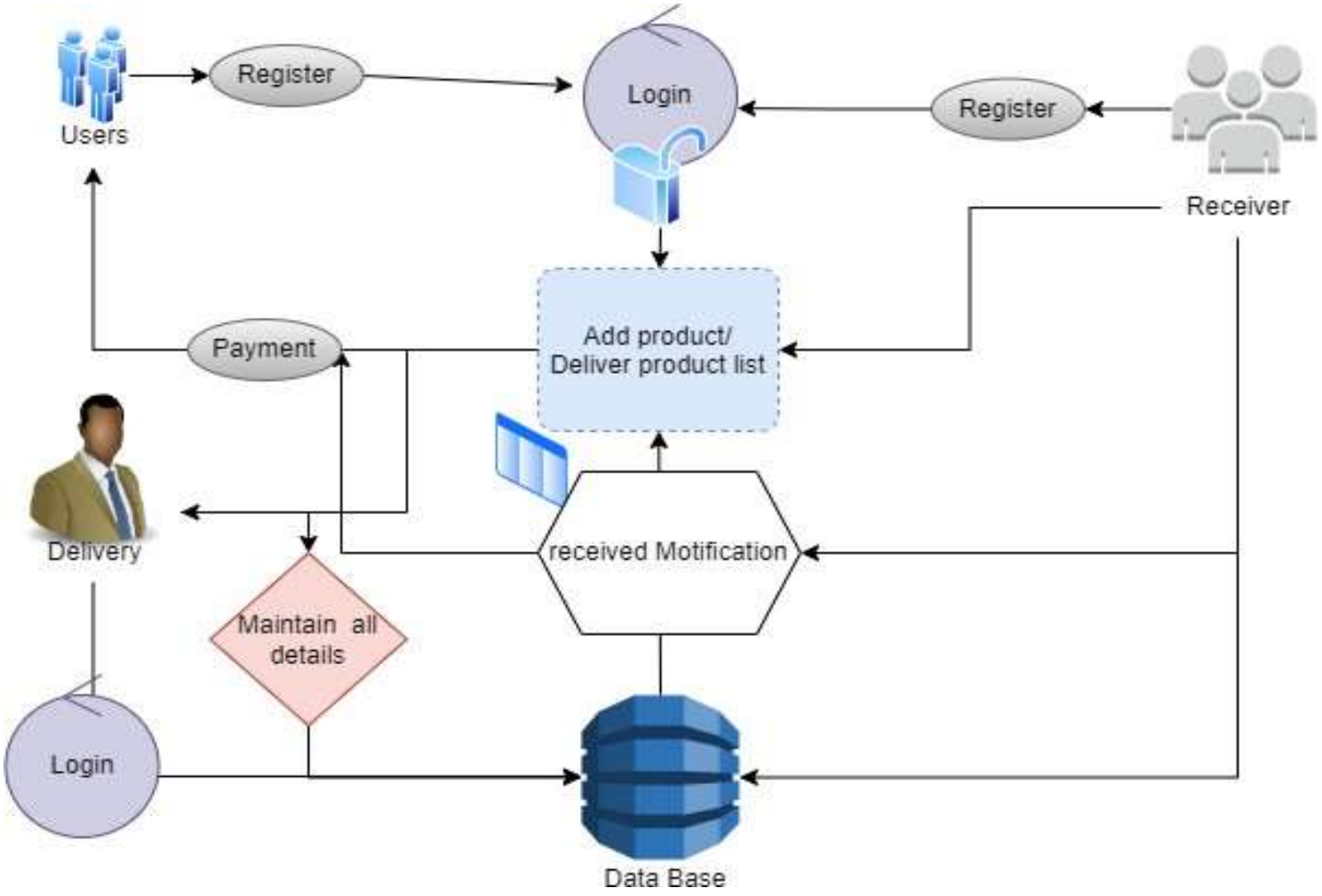
Merits:

Changes and the information will be switched over completely to encode text by utilizing cryptography. With the
Assistanc of SQL inquiriescan get warning from recipient

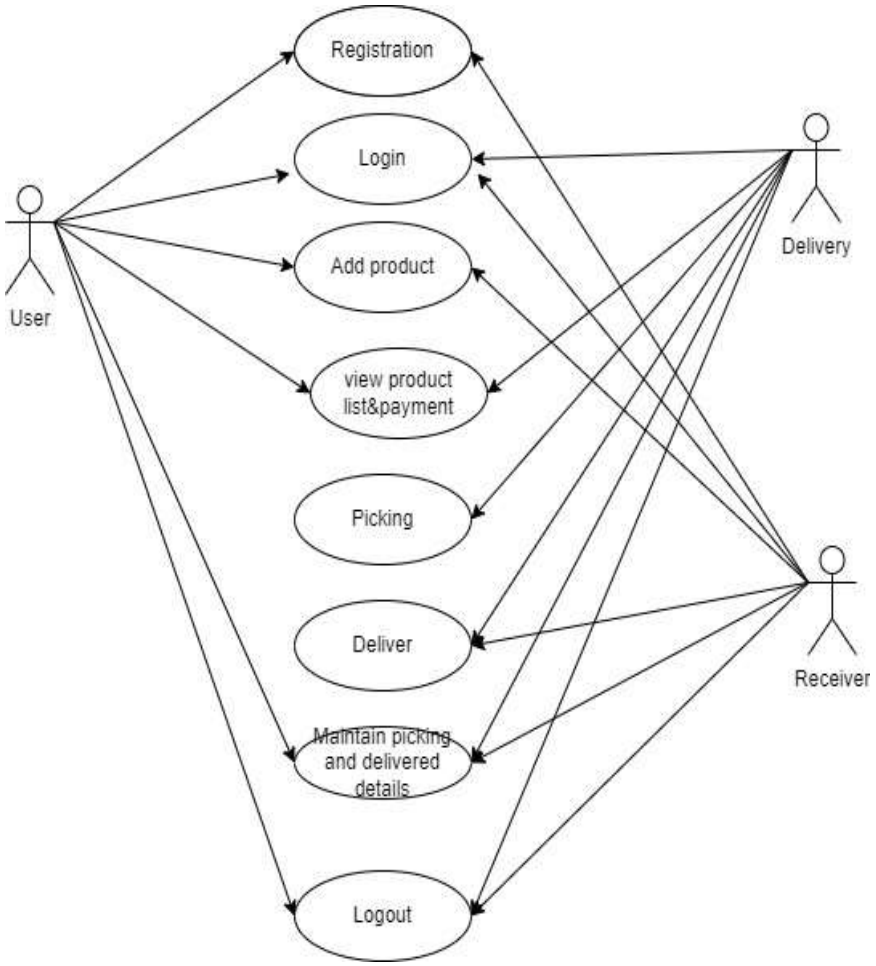
Software / Hardware used

- PROCESSOR : PENTIUM IV 2.6 GHz, Intel Core 2 Duo.
- RAM : 4GB DD RAM
- MONITOR : 15” COLOR
- HARD DISK : 40 GB
- Front End : J2EE (JSP, SERVLETS) JAVASCRIPT
- Back End : MY SQL 5.5
- Operating System : Windows 07
- IDEID : Eclipse

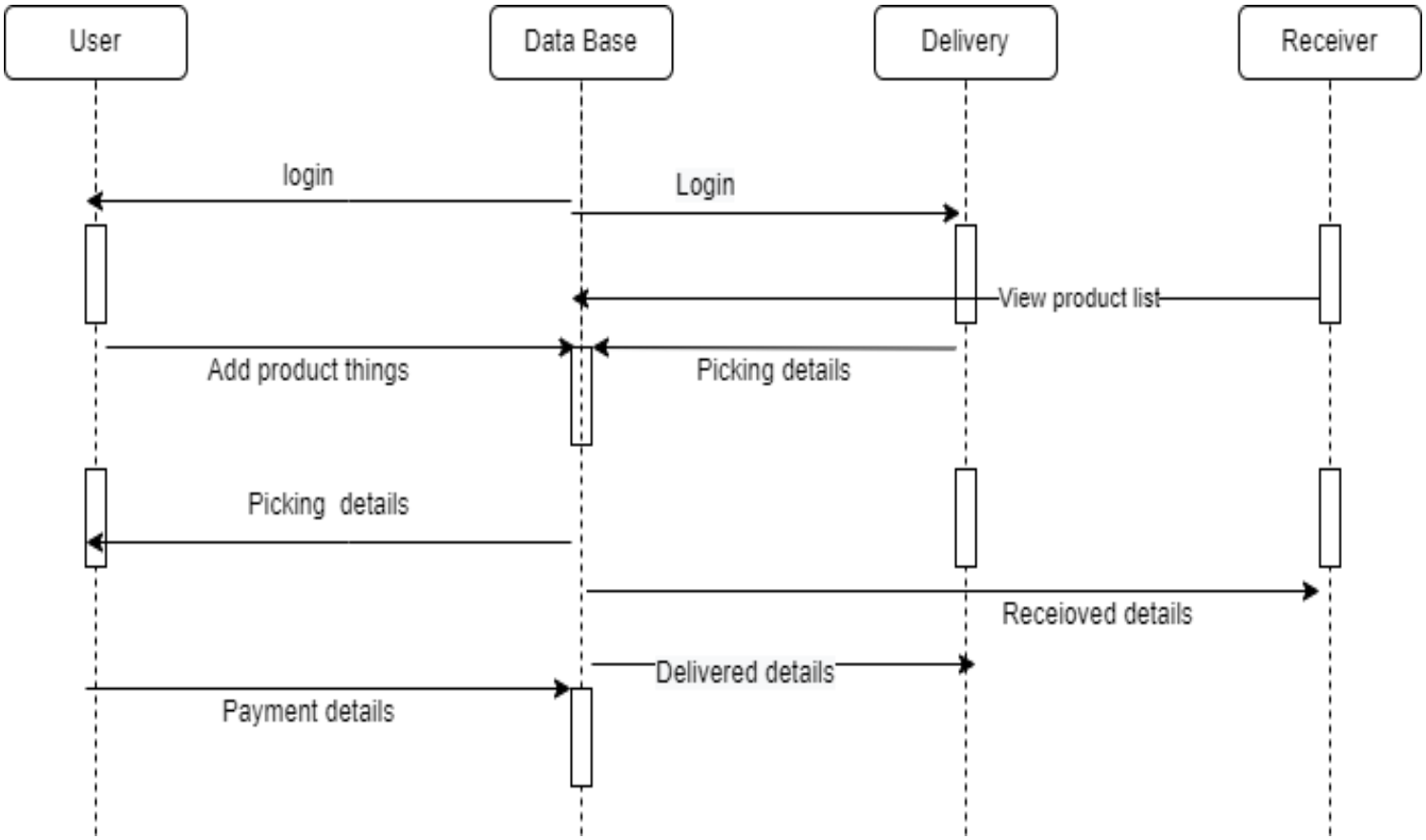
Architecture / Methodology used



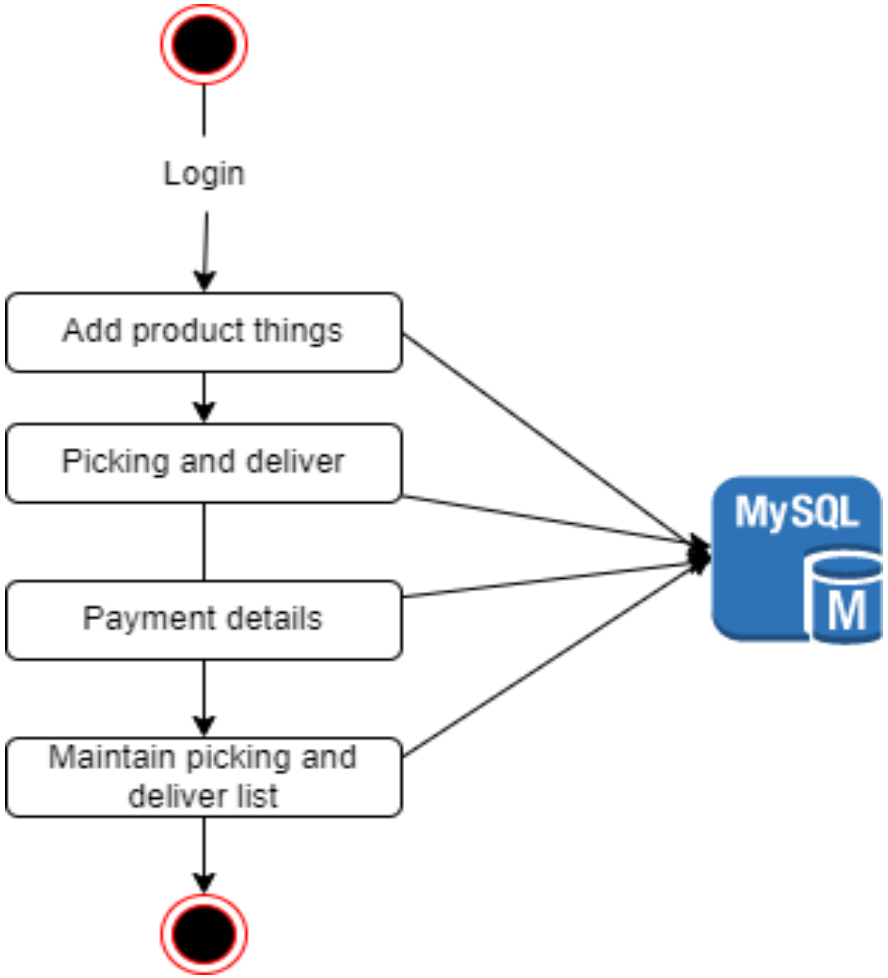
System Design-Use case Diagram



System Design-Sequence diagram



System Design – Activity diagram



Module Description

The system is made up of four main parts:

1.Customer

2.Delivery

3.Reciever

Module Description

Customer : The student, most importantly, need to enlist their subtleties to go into the application and can login utilizing email and secret key. Then the client ought toadd their intrigued things to ship after the instalment the pickers will gather the items then warning will tell you subsequent to getting the item. The instalment receipt subtleties likewise can ready to get by the client then who additionally got warning after the items got.

Module Description

Delivery : Here the labor force is coming here as need might arise to enroll here and can login using their mail id and mystery expression and staff id also. Then, at that point, the conveyance group can ready to see the subtleties of picking item list subsequent to picking the warning will shipped off the beneficiary. Then, at that point, it will move to conveyance group, they will conveyed it with assistance of recipient address.

Module Description

Reciever: The beneficiary can login their page using their username and secret word with no enrollment. Created by beneficiary ready to get the all subtleties item who needs got it. The conveyance group will inform to the beneficiary shouldn't something be said about the item. Once got an item the recipient ought to present their got data it will inform to the source.

Module Description

Ticketing:

Vehicle number plates of violated users are mailed with associated violations from the database. The database can be used further for statistical analysis on traffic rules violations.

Testing /Performance Evaluation / Results

- **PRODUCT:** DYNAMIC MATCHING REAL TIME CITY EXPRESS DELIVERY

- **USECASE:** Admin/login

TEST CASE ID	TESTCASE/ ACTION TO BE PERFORMED	EXPECTED RESULT	ACTUAL RESULT	PASS/FAIL
1	Enter a mail id and password in the text box	Login Successful	login Successfully	PASS
2	Enter a mail id and password in the text box	Enter valid input	Enter valid input	PASS

Testing /Performance Evaluation / Results

- **PRODUCT:** DYNAMIC MATCHING REAL TIME CITY EXPRESS DELIVERY

- **USECASE: USER/LOGIN**

TEST CASE ID	TESTCASE/ ACTION TO BE PERFORMED	EXPECTED RESULT	ACTUAL RESULT	PASS/FAIL
1	Enter a mail id and password in the text box	Login successfully	Login successfully	PASS
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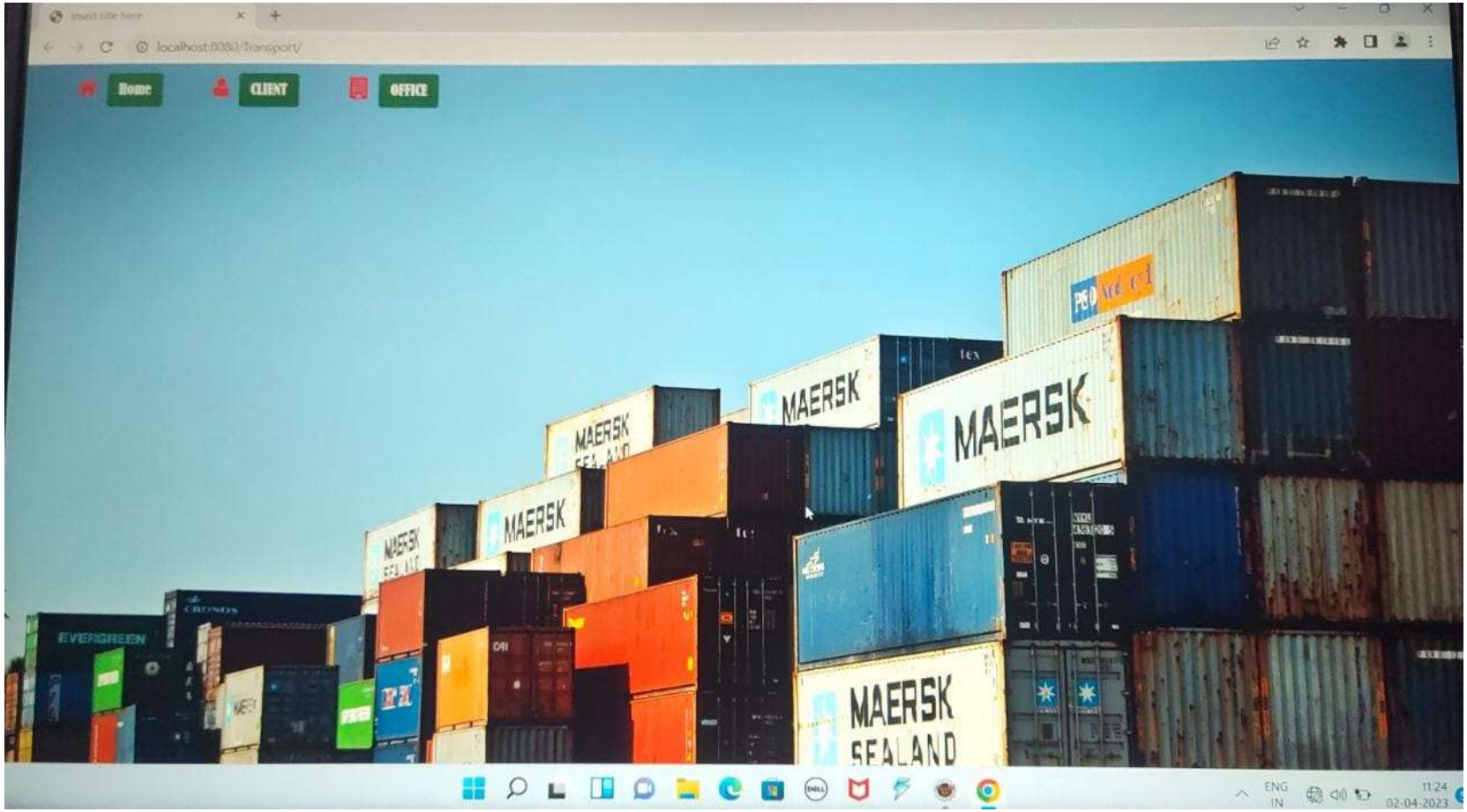
Screen Shots



Screen Shots

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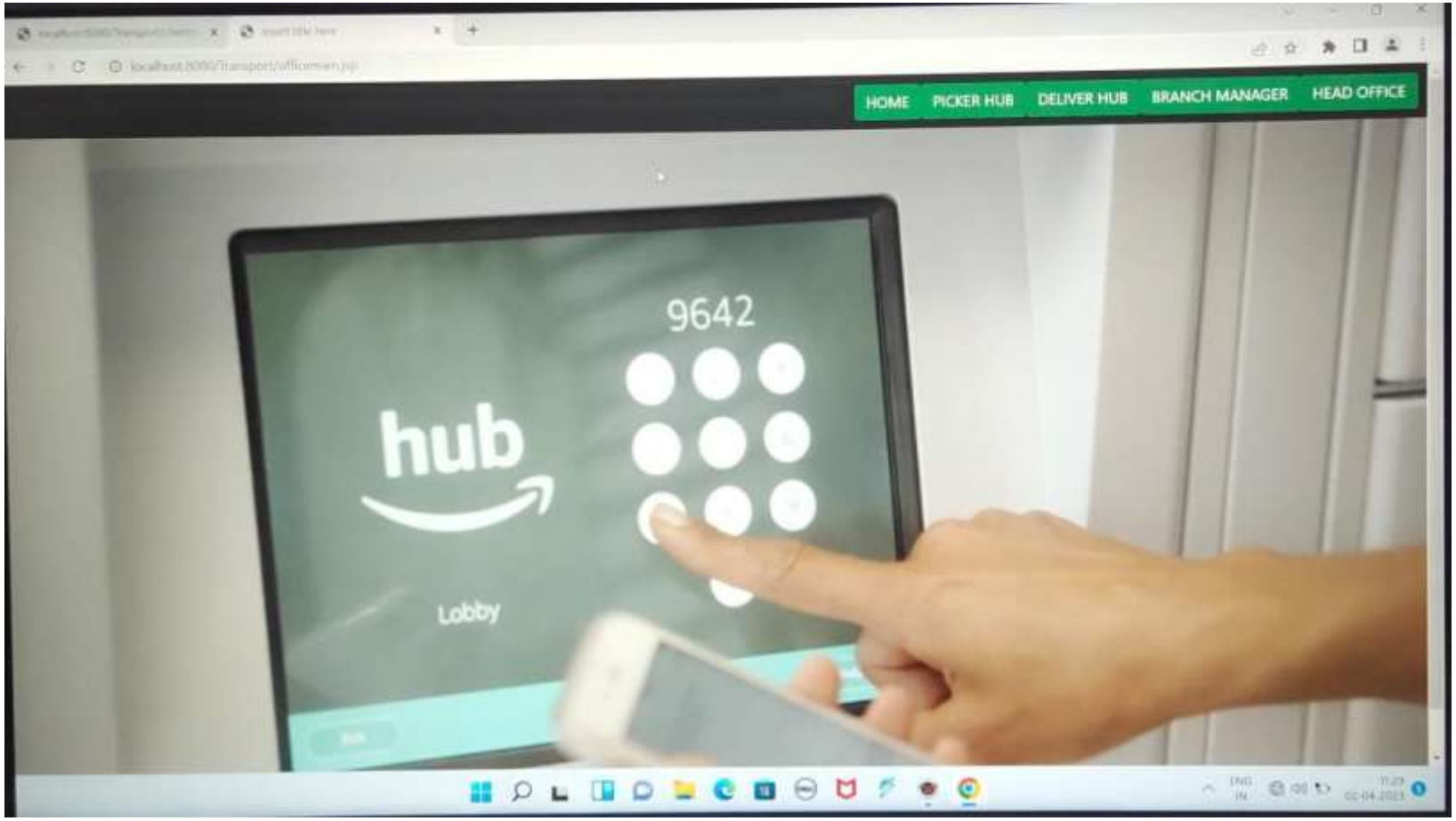

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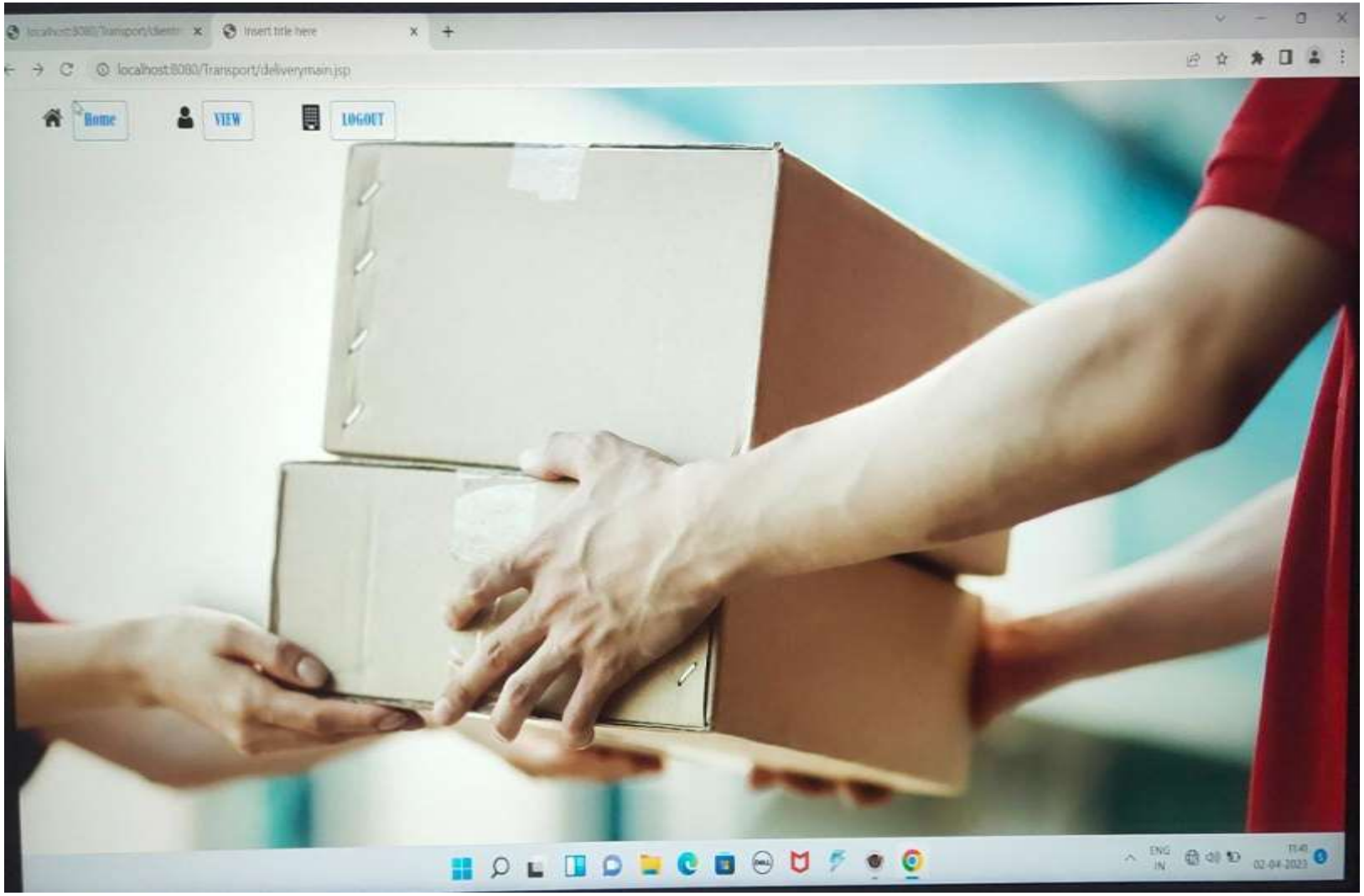

Conclusion

A picture or unequivocal held watchwords used to show some advancement performed on the given explanation, including a few intends to tell the system how the bosses act. When showed up at the material to the locater address it will tell to the beneficiary and after the getting of thing they need to give got clarification while doing that notice will be moved off the supplier and the central get-together. The pioneer gathering stay aware of the nuances of moved by recalling for this application and the framework of supplier. Chiefs do assessments between the data things or operand and execute the Request result.

Future Enhancement

- Implementing a real-world(cloud) database system.
- Improving the efficiency of protocols, in terms of number of messages exchanged and in terms of their sizes, as well.
- Implement using two are more algorithm.

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