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Classifieds System for Using Hybrid Technique in New and Old Products Purchasing

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Abstract-- There is a series of websites to deal with selling products like snap deal, Mintra, eBay etc. and for old products also like quikr, olx etc. without any type of authentication. We want to create a new system by removing all type of drawbacks for above systems. The main features of our system are. 1. Authentication for buyer/seller, 2. New and old purchase/sell products on same platform, 3. User friendly system to be used by any beginner. The system is a hybrid approach to bring buyers and sellers on a single platform.

Index Terms—Authentication, quikr, beginner.

I. INTRODUCTION

E-commerce represents the direction of future trade development. Promotion of e-commerce will bring great benefits to the society and the economy. For example, e-commerce improves the speed and quality of services of transaction, promotes the globalization of markets, and cuts down cost. For these reasons, this project aimed to design and implement an online shopping website for selling Asian food and groceries in the Helsinki area. The website is designed for people who prefer online shopping of daily necessities, especially Asian food. This website covers the entire process from product management, classification and querying, to the shopping cart, and user order processing. According to a simple market research, there are large domestic supermarket chains located around every city in Finland and every corner in Helsinki. However, the selection of commodities in these different supermarkets is almost same, and there are only few Asian food items on the shelf. In addition, only three large scale Asian super markets are located in Helsinki and they are in the same place in the city center. According to information received from friends, a lot of Finnish people like Asian diet. Thus, the goal of this project is to provide a platform for more and more Finnish people to be-come familiar with Asian food and purchase it online, and to develop an independent online shopping system based on ASP.NET and SQL Server.

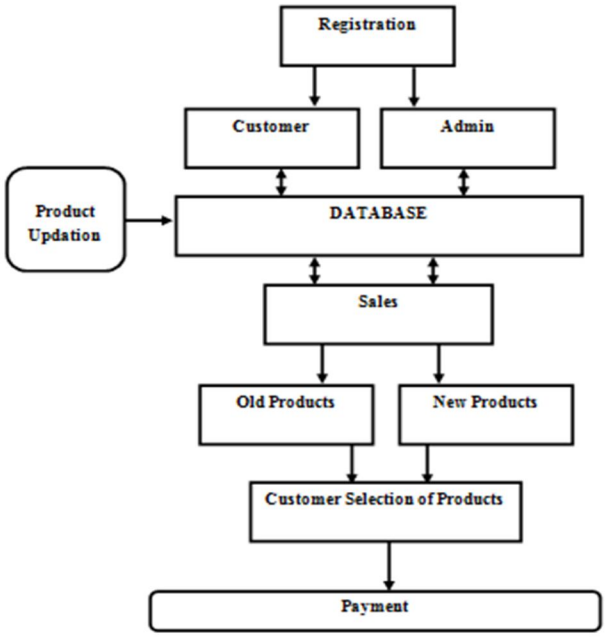

Fig 1 :- Architecture Diagram

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In the future, this project could be used for the establishment of a personal online shopping portal, or it could be sold to a company interested in Asian product trading. The system includes both a front-end portal for customers and a back-end management system used by administrators to manage the website in the background. ASP.NET is used as the framework for the project to facilitate software development, maintenance and upgrading. Background system consists of Microsoft SQL Server as database and is written in object-oriented C# language.

A. Objective

To create a hybrid system for product sales for new and old products on the common platform.
To create the authentication login and user account for both seller and purchaser
To create the system user friendly so that all the users can communicate in correct order.

B. Existing/Proposed System

Old (OLX, Quikr) or new sales system (Snapdeal , Flipkart , Ebay) system of E-Sales. In already available systems there is a series of websites to deal with selling products like snap deal, Mintra, eBay etc. and for old products also like quikr, olx etc. without any type of authentication. We want to create a new system by removing all type of drawbacks for above systems and provide common platform to products selling website with user accessible features. Disadvantages of Existing System:
No individual system for old new sales.
Not good for beginners to update product specifications.
Proposed System:
Our work is intended to deal with the combined feature of new and old sales online.

We propose to create a hybrid system for dual sales which enables the sellers to sell new and old products.

We want to create a new system by removing all type of drawbacks for existing systems and provide common platform to products selling website with user accessible features.

Advantages of Proposed System:

Better Flexibility for product updation
Dual Selling Module
Individual section for customer and admin

II. MODULE DESCRIPTION

A. Authentication Module

1) Customer
2) Seller

B. Sales Module

1) New Products
2) Old Products

C. Security Concern (Password Authentication)

D. Product Updation

E. Customer View and Payment

F. Modules Description

1) User Registration

a) We first need to register as the customer or the seller so that we can update the product, cost, specifications and all details possible for journey.

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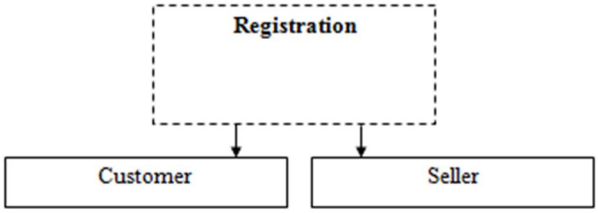
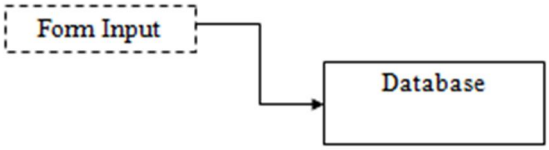
b) The dual login system can be created where all the details should be filled in the GUI form.



2) Database

a) We need to create database in real time so that it can be used by both customer and seller to update and select the desired options and match.
b) The database will be executed using SQL server 2008 and the execution can be done using visual Studio 2010.

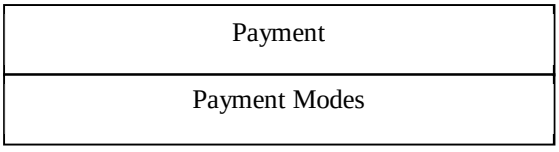


3) New/Old Sale Module

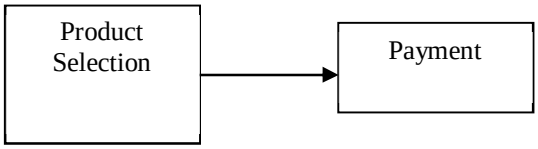
a) Once we provide the login there comes the new/old product option.
b) .Based on our product sale requirement we select the option.

4) Product Selection and Payment Module

a) We provide the payment through various payment options in this module.
b) The payments can be done in real time and checked for the confirmation.



c) It is the final step.



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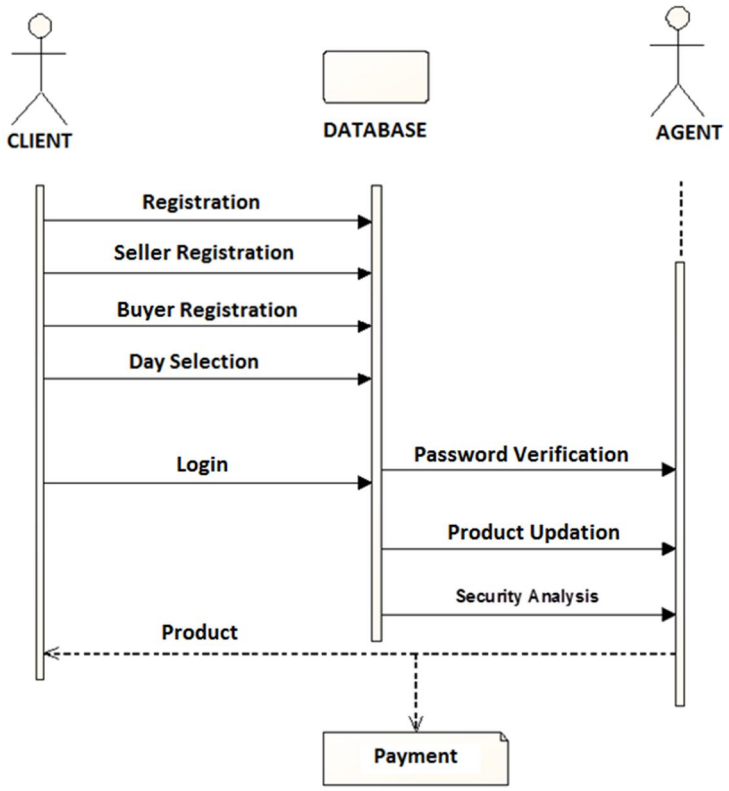
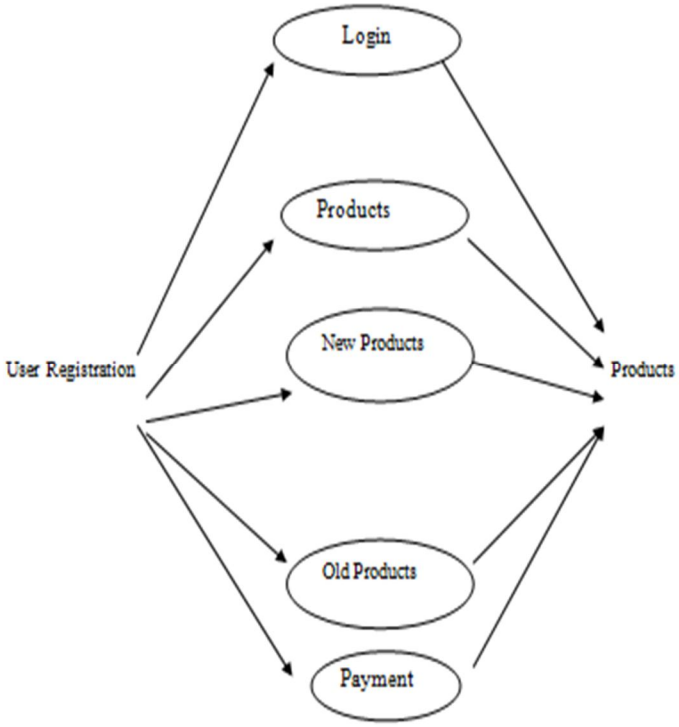
III. FUNCTIONAL DIAGRAMS

A. *Sequence Diagram*



B. *Use Case Diagram*



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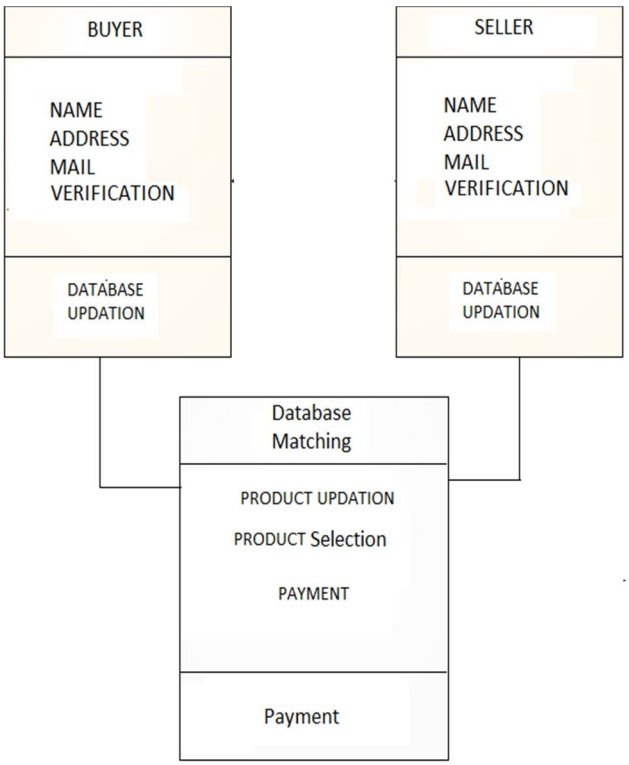
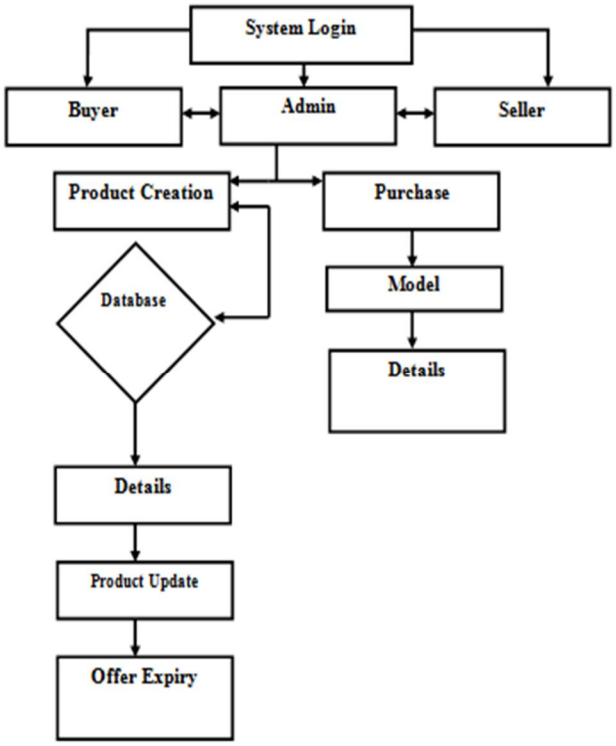
C. Class Diagram



D. Data Flow Diagram



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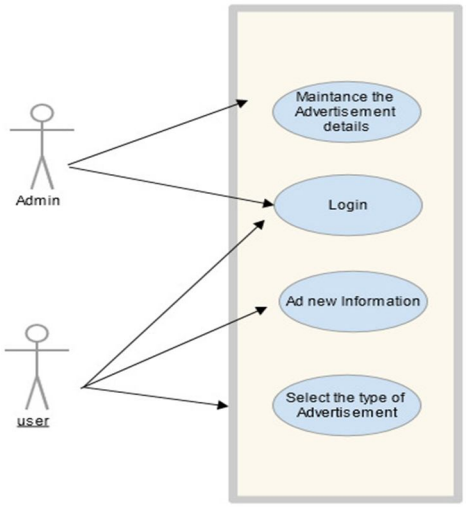
E. UML Diagram



IV. CODING DESIGN

```
Imports System.Data

Partial Class Bidders
    Inherits System.Web.UI.Page
    Dim Qry As String
    Dim SDb As New SQLDB
    Dim Rs As DataSet

    Protected Sub Page_Init(ByVal sender As Object, ByVal e As System.EventArgs) Handles Me.Init
        If Session("usertype") = "ADMIN" Or Session("username") = "admin" Then
            lblUser.Text = "Hi " & Session("username") & " ! "
            lblItemNo.Text = "Item No. = " & Session("ItemNo").ToString()
        Else
            Response.Write("<center><h1 style='color:red; align:center'> NO ACCESS RIGHTS FOR THIS USER!... </h1>")
            Response.End()
            Exit Sub
        End If

    End Sub

    Protected Sub Page_Load(ByVal sender As Object, ByVal e As System.EventArgs) Handles Me.Load
        If Not IsPostBack Then
            Try

                Dim Qry As String = "SELECT * FROM BIDS WHERE ITEMNO='" & Session("ItemNo") & "';"

                Dim Rs As DataSet
                Rs = SDb.GetDataSet(Qry)

                gV.DataSource = Rs
```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```
            gV.DataBind()

          Catch ex As Exception

            lblMsg.ForeColor = System.Drawing.Color.Red
            lblMsg.Text = ex.Message
          End Try
        End If
    End Sub

    Protected Sub lbtLogout_Click(ByVal sender As Object, ByVal e As System.EventArgs) Handles lbtLogout.Click
        Session.Remove("username")
        Session.Remove("usertype")
        Session.Clear()
        Response.Redirect("Default.aspx")
    End Sub

End Class
Imports System.Data

Partial Class Buyer
    Inherits System.Web.UI.Page

    Dim Qry As String
    Dim SDb As New SQLDB
    Dim Rs As DataSet
Partial Class User
    Inherits System.Web.UI.Page


    Dim Qry As String
    Dim SDb As New SQLDB
    Dim Rs As DataSet


    Protected Sub NewCustID()
        Try
            Dim RsE As DataSet
            Qry = "SELECT MAX(CUSTID) AS LASTID FROM REGISTER"
            RsE = SDb.GetDataSet(Qry)
```


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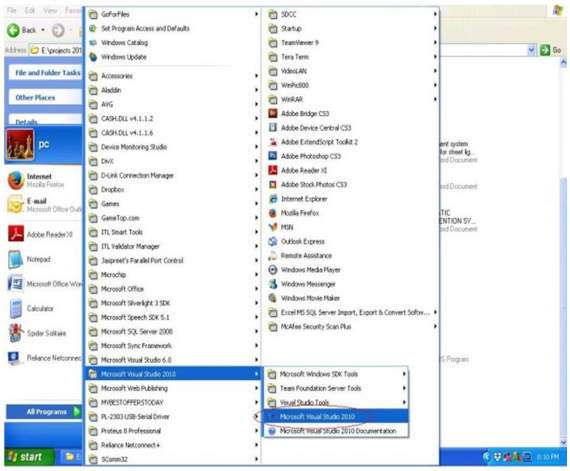
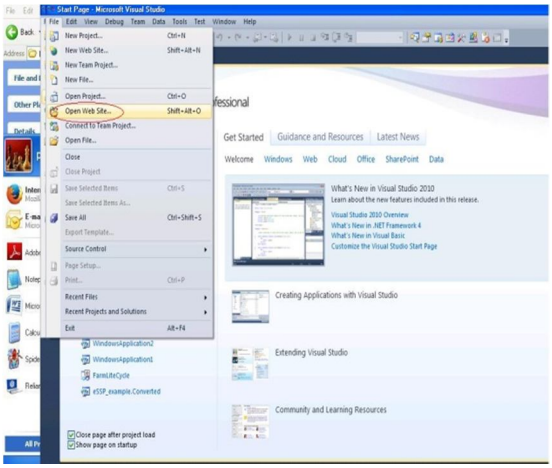
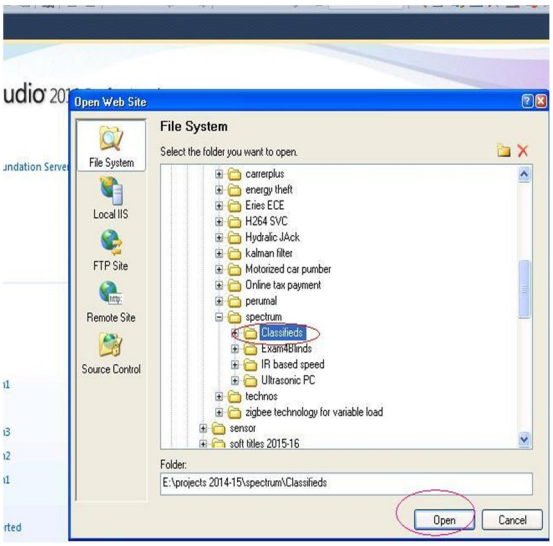
V. SCREENSHOTS







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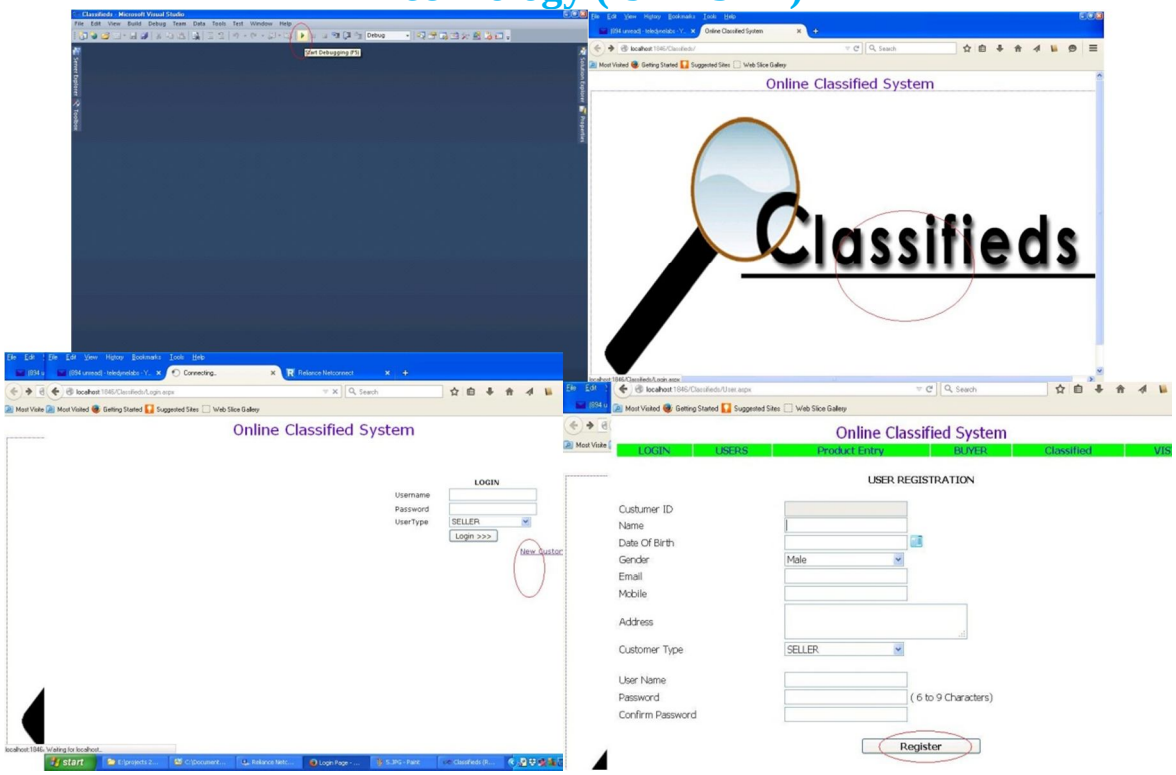

VI. CONCLUSION

Thus we developed the project which is intended to create a hybrid system for product sales for new and old products on the common platform. We create the authentication login and user account for both seller and purchaser and the system is user friendly so that all the users can communicate in correct order.

VII. ACKNOWLEDGMENTS

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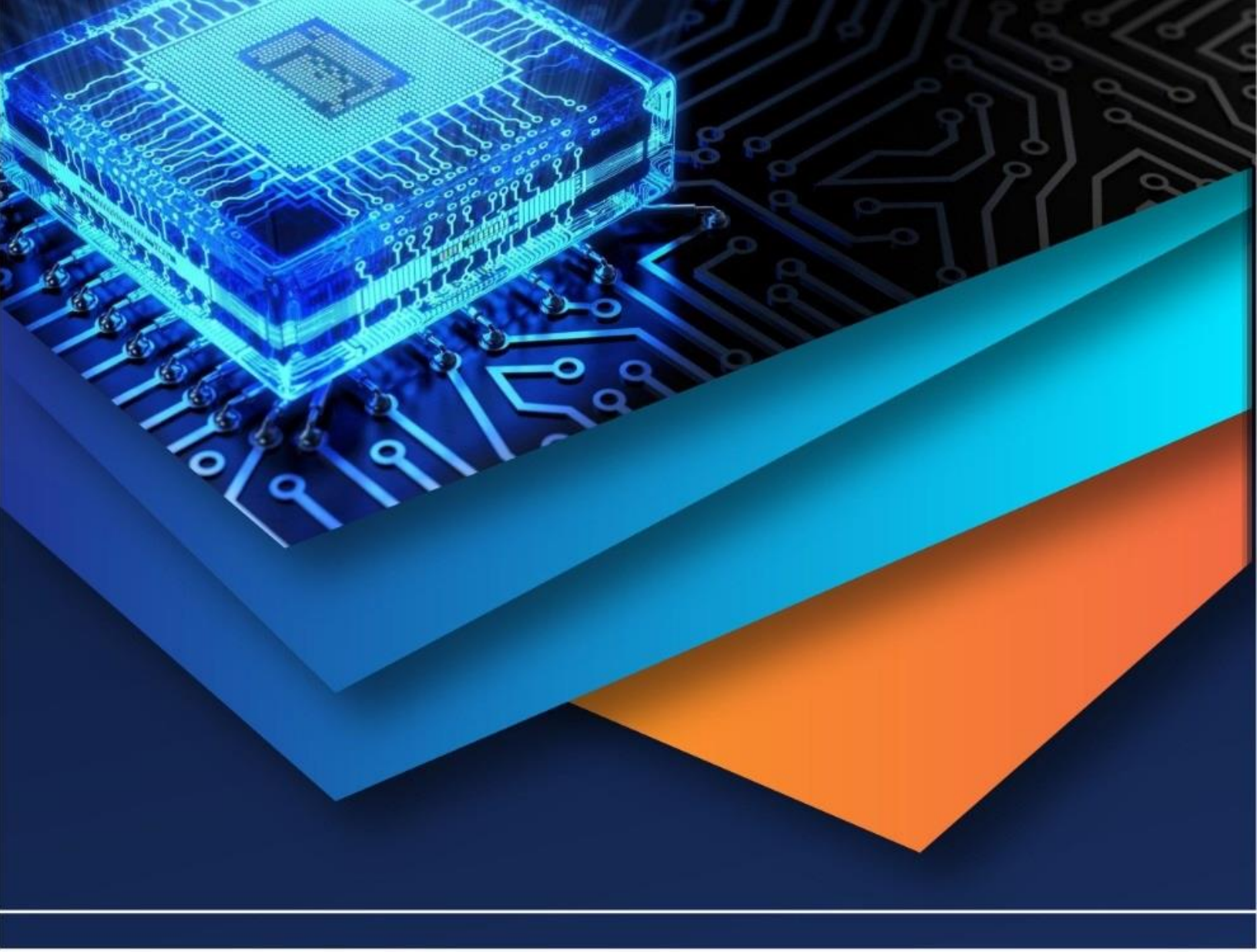

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