



Packers and Movers Management System



Dharmsinh Desai University, Nadiad

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Packers and Movers Management System

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CERTIFICATE

This is to certify that Advanced Technologies Project entitled “**Packers and Movers Management System**” is the bonafide report of work carried out by SHAH DARSH (17CEUOD091), SHAH DIVYA (18CEUOD003), SODHA NIHAR (17CEUBG094) Of Department of Computer Engineering, Semester V, academic year 2019-2020, under our supervision and guidance.

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ABSTRACT

In the world of fast Urbanization, the transportation of goods and packages has always been an issue, so to reduce the difficulties for the same we provide the platform as “ReadyToMove”. This platform provides facility to the movers as well as the users to complete their task more conveniently. Our platform provides the facility to the person who wants to log his own items to the requested destination. Also the transporters near by has the opportunity to widen their business. The deadline to deliver the product is also kept in mind by movers, thus will lead to efficient time management. The packers and movers can increase their dealing with business and thus they their business will expand. As a result the movers and the users are benefitted on this platform.

INTRODUCTION

The Aim of Packers and Movers Management System is to make the task of moving different items and packages from one place to another easy. The User Has to enter source, destination, date and upload images of packages and then the system sends notification about the current request to the movers, also the interested movers can bid their price in given time limit. According to the price the movers are sorted and the one with lowest price's information is send to the user, if the user is satisfied by the movers profile then both parties can generate the invoice or else the next best mover's information is send to the user and the process takes place till the user is satisfied. After the work is completed the user has to give the feedback to the mover, so that next time any user selects that mover, they can see the mover's previous orders and their ratings and so if satisfied then user may accept it.

Technology used

- Angular cli
- Node js
- Mongo Database
- HTML 5
- CSS 3
- Bootstrap 4
- jquery
- javascript

Platform used

- Windows

Tools used

- Visual Code
- Terminal and Command prompt
- MongoDB Compass Community

Software Requirements Specification

R1: User Management

- **R1.1:Register**

Description: If all the details are validated successfully then system checks if Email Id is already registered or not, if not then user is registered successfully.

Input: Registration Details.

Output: Redirect To Login Page And Display Toastr of Successful Sign Up.

- **R1.2:Login**

Description: If the Credentials are validated successfully then The user is logged in successful.

Input: Login Credentials.

Output: Redirect To Home Page And Display Toastr of Successful Login.

- **R1.3:Edit Profile**

Description: User is allowed to change any of the personal information of his/her profile, except Email.

Input: Data to be updated.

Output: Displays Toastr of Successful Profile Update.

- **R1.4:Change Password**

Description: User can the Password if needed.

Input: New Password.

Output: Display Toastr of Successful Password Update.

- **R1.5:Post Request**

Description: User can post the request for movers service by entering the required details.

Input: Required Form Fields.

Output: Redirects To List Request Page And Displays Toastr Of Request Posted Successfully.

- **R1.6:View Requests**

Description: Details of the Request is shown along the bid details.

Input: Click on View Button of a Particular Request.

Output: Displays The Details of that Request.

- **R1.7:Confirm Bid**

Description: The Mover with least bid value is displayed for confirmation. If user is satisfied he/she can confirm and email is send to both the parties.

Input: Click on the confirm button

Output: Email is send to both the parties about the deal.

- **R1.8:Delete Request**

Description: User can delete his/her unwanted request.

Input: Click on Delete Button of a Particular Request.

Output: Delete that Request from the Database.

R2: Mover Management

- **R2.1:Register**

Description: If all the details are validated successfully then system checks if Email Id is already registered or not, if not then Mover is registered successfully.

Input: Registration Details.

Output: Redirect to Mover Login Page and Display Toastr of Successful Sign Up.

- **R2.2:Login**

Description: If the Credentials are validated successfully then The Mover is logged in successful.

Input: Login Credentials.

Output: Redirect to Home Page and Display Toastr of Successful Login.

- **2.3:Edit Profile**

Description: Mover is allowed to change any of the personal information of his/her profile, except Email.

Input: Data to be updated.

Output: Displays Toastr Of Successful Profile Update.

- **R2.4:Change Password**

Description: Mover can the Password if needed.

Input: New Password.

Output: Display Toastr of Successful Password Update.

- **R2.5:View Requests**

Description: Details of the Request is shown along the its User details.

Input: Click on View Button of a Particular Request.

Output: Displays The Details of that Request.

- **R2.6:Place Bid**

Description: The Mover can place bid value for currently displayed request.

Input: Enters the Bid Value.

Output: Redirect to All Request List Page and Displays Toastr of Bid Placed Successfully.

R3: Admin Management

- **R3.1:Manage Users**

- **R3.1.1:Display Users**

Description: Admin can see the List of Users Registered on the web application.

Input: Select Users Tab

Output: Displays The List Of Users.

- **R3.1.2:Delete User**

Description: Admin can delete any user as per the requirement.

Input: Click on Delete Button of a Particular User

Output: Delete that User from the Database.

- **R3.2:Manage Mover**

- **R3.2.1:Display Movers**

Description: Admin can see the List of Movers Registered on the web application.

Input: Select Movers Tab

Output: Displays The List Of Movers.

- **R3.2.2:View Mover**

Description: Admin can see the details of the packers and movers company along with the documents.

Input: Click on View Button of a Particular Mover.

Output: Display the Details of that Mover.

- **R3.2.3:Delete Mover**

Description: Admin can delete any Mover as per the requirement.

Input: Click on Delete Button of a Particular Mover.

Output: Delete that Mover from the Database

- **R3.3:Manage Requests**

- **R3.3.1:Display Requests**

Description: Admin can see the List of Requests Posted on the web application.

Input: Select Requests Tab

Output: Displays The List Of Requests.

- **R3.3.2:View Request**

Description: Admin can see the details of the Request along with its User Details.

Input: Click on View Button of a Particular Request.

Output: Display the Details of that Request.

- **R3.3.3:Delete Request**

Description: Admin can delete any Request as per the requirement.

Input: Click on Delete Button of a Particular Request.

Output: Delete that Request from the Database.

- **R3.4:Manage User Messages**

- **R3.4.1:Display Messages**

Description: Admin can see the List of Messages Send by Users

Input: Select User Messages Tab

Output: Displays The List Of User Messages.

- **R3.1.2:Delete User Message**

Description: Admin can delete any Message as per the requirement.

Input: Click on Delete Button of a Particular Message

Output: Delete that Message from the Database.

Design

- **XML**

```
<?xml version="1.0" encoding="utf-8" ?>
<requests>
  <request rid="1">
    <delivery_title>Furniture Delivery</delivery_title>
    <pickup_location>Nadiad</pickup_location>
    <pickup_date>30-10-2019</pickup_date>
    <pickup_time>10:00</pickup_time>
    <delivery_location>Ahmedabad</delivery_location>
    <delivery_date>30-10-2019</delivery_date>
    <description>Fragile Items Handle with care</description>
    <img>src/assests/1.jpg</img>
  </request>
  <request rid="2">
    <delivery_title>Goods Delivery</delivery_title>
    <pickup_location>Navsari</pickup_location>
    <pickup_date>28-10-2019</pickup_date>
    <pickup_time>12:00</pickup_time>
    <delivery_location>Nadiad</delivery_location>
    <delivery_date>29-10-2019</delivery_date>
    <description>Handle Carefully</description>
    <img>src/assests/2.jpg</img>
  </request>
  <request rid="3">
    <delivery_title>Fridge Delivery</delivery_title>
    <pickup_location>Nadiad</pickup_location>
    <pickup_date>26-10-2019</pickup_date>
    <pickup_time>1:00</pickup_time>
    <delivery_location>Vadodara</delivery_location>
    <delivery_date>26-10-2019</delivery_date>
    <description>Handle with Care</description>
    <img>src/assests/3.jpg</img>
  </request>
</requests>
```

- **DTD**

```
<! ELEMENT requests (request*)>
<! ELEMENT request
(delivery_title,pickup_location,pickup_date,pickup_time,delivery_location,delivery_date,
description,img)>
<! ELEMENT dlivery_title (#PCDATA)>
<! ELEMENT pickup_location (#PCDATA)>
<! ELEMENT pickup_date (#PCDATA)>
<! ELEMENT pickup_time (#PCDATA)>
<! ELEMENT delivery_location (#PCDATA)>
<! ELEMENT delivery_date (#PCDATA)>
<! ELEMENT description (#PCDATA)>
<! ELEMENT img (#PCDATA)>
```

- **XSD**

```
<?xml version="1.0"?>
<xs:schema xmlns:xs="http://www.w3.org/2001/XMLSchema">
<xs:element name="request">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="delivery_title" type="xs:string"/>
      <xs:element name="pickup_location" type="xs:string"/>
      <xs:element name="pickup_date" type="xs:string"/>
      <xs:element name="pickup_time" type="xs:string"/>
      <xs:element name="delivery_location" type="xs:string"/>
      <xs:element name="delivery_date" type="xs:string"/>
      <xs:element name="description" type="xs:string"/>
      <xs:element name="img" type="xs:string"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

- **XSLT**

```

<?xml version="1.0" encoding="UTF-8" ?>
<xsl:stylesheet version="1.0" xmlns:xsl="http://www.w3.org/1999/XSL/Transform">
<xsl:template match="/">
<html>
<body>
    <h1>Request Data Listing</h1>
    <table border="1">
    <tr>
        <th>Delivery Title</th>
        <th>Pickup Location</th>
        <th>Pickup Date</th>
        <th>Pickup Time</th>
        <th>Delivery Location</th>
        <th>Delivery Date</th>
        <th>Description</th>
    </tr>
    <xsl:for-each select="scholarships/scholarship">
    <tr>
        <td><xsl:value-of select="@rid"/></td>
        <td><xsl:value-of select="delivery_title"/></td>
        <td><xsl:value-of select="pickup_location"/></td>
        <td><xsl:value-of select="pickup_date"/></td>
        <td><xsl:value-of select="pickup_time"/></td>
        <td><xsl:value-of select="delivery_location"/></td>
        <td><xsl:value-of select="delivery_time"/></td>
        <td><xsl:value-of select="description"/></td>
    </tr>
    </xsl:for-each>
    </table>
</body>
</html>
</xsl:template>
</xsl:stylesheet>

```

DATA DICTIONARY

User								
Sr. No.	Field Name	Data Type	Width	Required	Unique	PK/FK	Reference Table	Description
1.	fname	String	30	Yes	No			
2.	lname	String	30	Yes	No			
3.	email	String	15	Yes	Yes			
4.	mo number	String	10	Yes	Yes			
5.	password	String	10	Yes	No			

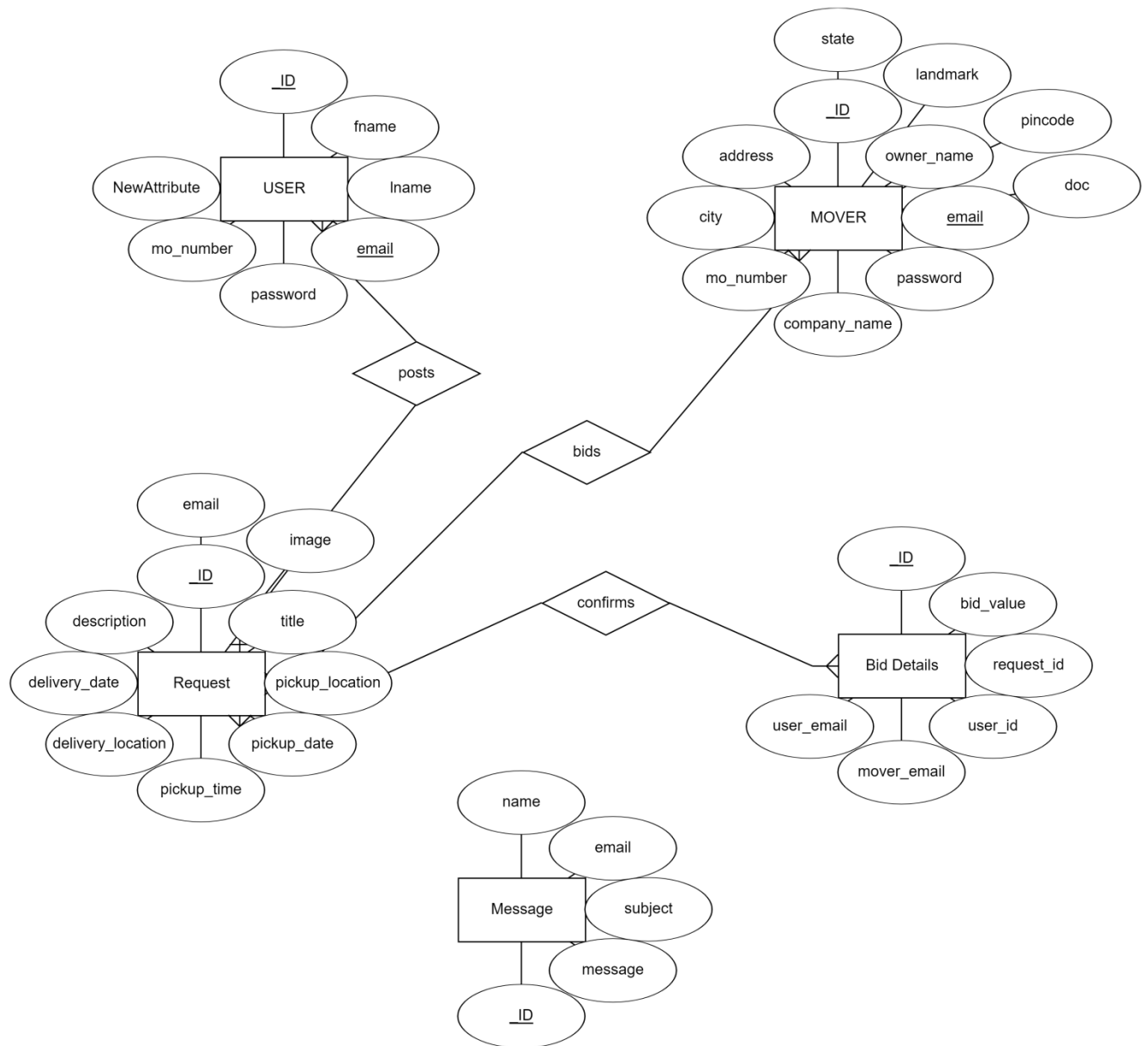
Mover								
Sr. No.	Field Name	Data Type	Width	Required	Unique	PK/FK	Reference Table	Description
1.	ownername	String	30	Yes	No			
2.	companyname	String	30	Yes	Yes			
3.	email	String	15	Yes	Yes			
4.	mo number	String	10	Yes	Yes			
5.	password	String	10	Yes	No			
6.	address	String	50	Yes	No			
7.	landmark	String	30	Yes	No			
8.	pincode	String	10	Yes	No			
9.	city	String	30	Yes	No			
10.	state	String	30	Yes	No			
11.	doc	String	5MB	Yes	Yes			

Request								
Sr. No.	Field Name	Data Type	Width	Required	Unique	PK/FK	Reference Table	Description
1.	title	String	30	Yes	No			
2.	pickuplocation	String	30	Yes	No			
3.	pickupdate	String	15	Yes	No			
4.	pickuptime	String	10	Yes	No			
5.	deliverylocatin	String	30	Yes	No			
6.	deliverydate	String	10	Yes	No			
7.	deliverydate	String	10	Yes	No			
8.	description	String	100	Yes	No			
9.	img	String	5MB	Yes	Yes			
10.	email	String	15	Yes	No	FK	User	

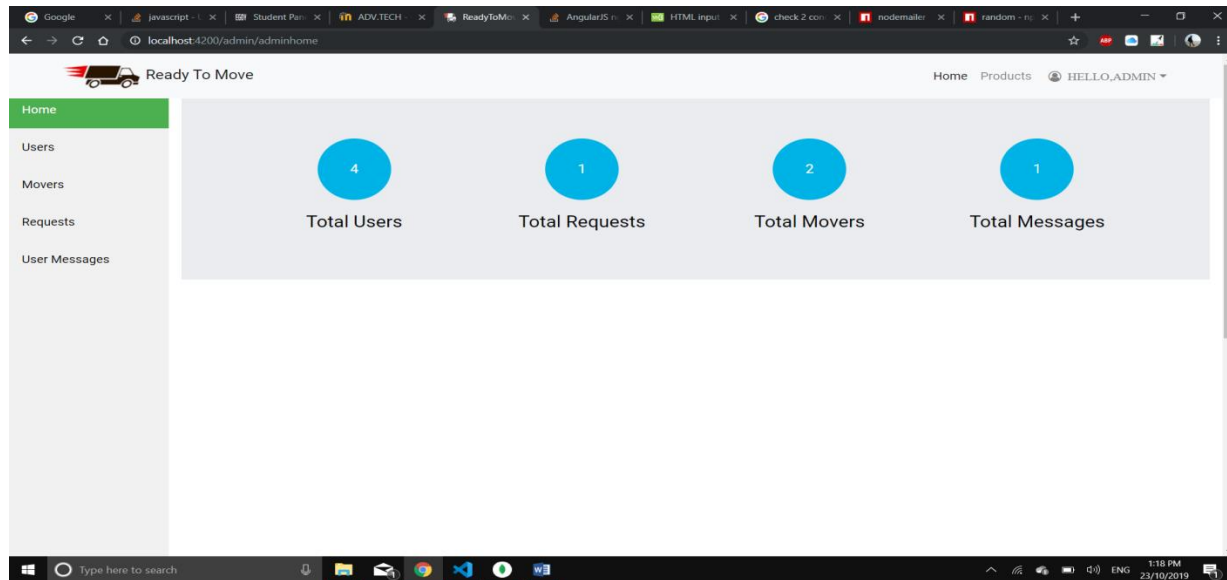
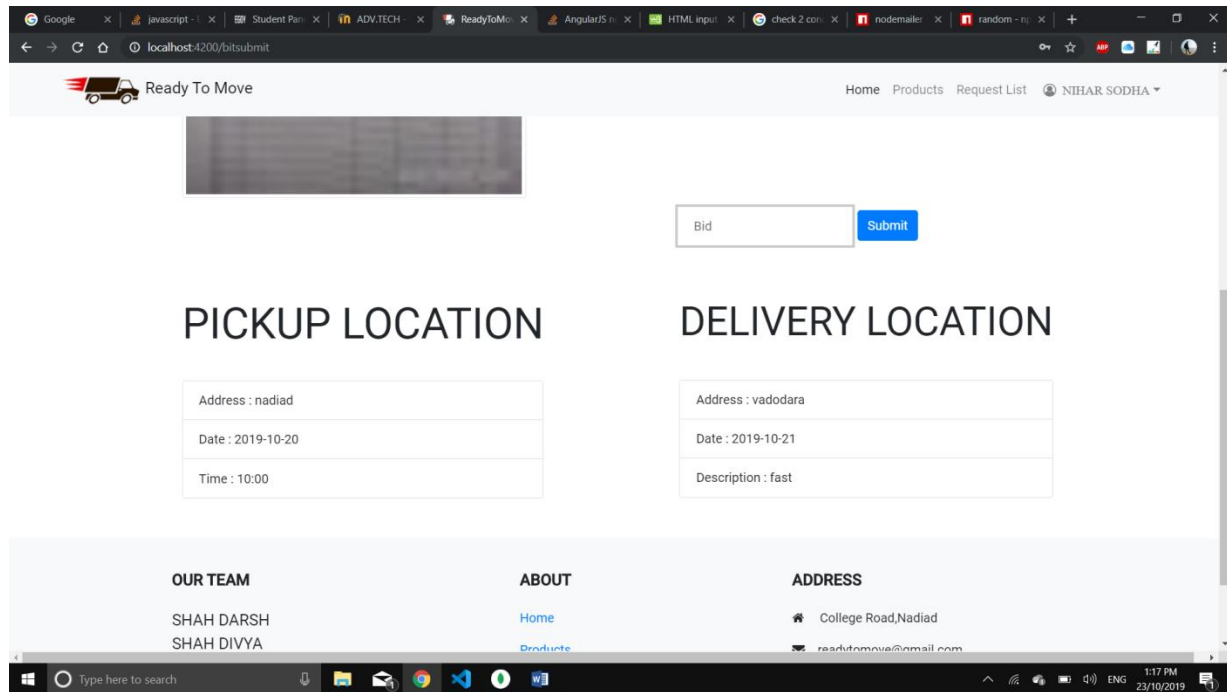
BidDetails								
Sr. No.	Field Name	Data Type	Width	Required	Unique	PK/FK	Referenced Table	Description
1.	Bidvalue	Number	15	Yes	No			
2.	requestId	String	30	Yes	No	FK		
3.	useremail	String	15	Yes	No	FK		
4.	movermail	String	15	Yes	No	FK		

Messages								
Sr. No.	Field Name	Data Type	Width	Required	Unique	PK/FK	Referenced Table	Description
1.	name	String	30	Yes	No			
2.	email	String	15	Yes	No			
3.	subject	String	50	Yes	No			
4.	messages	String	100	Yes	No			

ER DIAGRAM



SCREENSHOT



The screenshot displays the 'Ready To Move' web application. The top navigation bar includes links for Home, Products, Request, and Contact Us, along with a user profile for DARSH. The main content area is divided into two sections: a 'Post Request' form on the left and a 'Request List' table on the right.

Post Request Form:

- Delivery Title:
- PickUp Location:
- PickUp Date:
- PickUp Time:
- Delivery Location:
- Delivery Date:
- Description:

Request List Table:

No.	Delivery Title	PickUp Date	PickUp Location	Delivery Location	Delivery Date	View	Bid
#	Move	2019-10-20	nadiad	vadodara	2019-10-21	View	₹Bid

Footer Section:

- OUR TEAM:** SHAH DARSH, SHAH DIVYA, SODHA NIHAR
- ABOUT:** [Home](#), [Products](#), [Login](#), [Contact Us](#)
- ADDRESS:** College Road, Nadiad; readytomove@gmail.com; +91 97141 74778; +91 73833 67447

Packers and Movers Management System

The screenshot displays a web browser window with multiple tabs open. The active tab is 'ReadyToMove', showing a web application titled 'Ready To Move'. The application has a sidebar menu with options: Home, Users (highlighted in green), Movers, Requests, and User Messages. The main content area shows a table of users. The table has columns: No., First Name, Last Name, E-mail, Mobile Number, and Delete. There are four rows of user data. The top row is highlighted. The bottom row shows a user named 'jaydeep' with last name 'mahajan' and email 'jaydeep@gmail.com'. The 'Delete' column contains a red trash icon and the text 'Delete' for each row.

No.	First Name	Last Name	E-mail	Mobile Number	Delete
#	Darsh	Shah	darsh@gmail.com	9876453210	Delete
#	Divya	Shah	divyashah@gmail.com	9874563210	Delete
#	Nihar	Sodha	nihar17@gmail.com	9874561230	Delete
#	jaydeep	mahajan	jaydeep@gmail.com	1234568790	Delete

Conclusion

Development of project was after gathering all requirements. After gathering requirements overall flow control was defined, all modules were developed separately and then they were integrated. All modules are tested separately as well as after integration. All Functionalities mentioned above are implemented successfully in our project.

Limitations

Web application has a limitation in synchronization while loading page.

Web application also lacks in security aspects.

Functionality not implemented:

- OTP or re-CAPTCHA verification during Sign Up or Login
- Live Bidding Not Implemented
- Invoice Not Generated.

Future Enhancement

- Live Bidding Implementation
- Generating Invoice
- Security Enhancement
- Light Weight Application

Bibliography

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