

**PROJECT REPORT  
SUBMITTED  
IN FULLFILEMENT  
OF  
MERN TRAINING**

**SUBMITTED BY**

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**E-COMMERCE WEBSITE  
FOR  
OLD PRODUCTS SALE-  
AFFORDY**

# **ACKNOWLEDGEMENT**

I take this opportunity to express my profound gratitude and deep regards to our faculty (Prof. Chandan Mukherjee) for his exemplary guidance, monitoring and constant encouragement throughout the course of this project. The blessing, help and guidance given by him time to time shall carry my a long way in the Journey of life on which I am about to embark.

I am obliged to my project team members for the valuable information provided by them in their respective fields. I am grateful for their cooperation during the period of my assignment.

Full Signature of the Candidates (with date)

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_

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# **INTRODUCTION**

Electronic commerce or e-commerce (for old products) is a business model that lets firms and individuals buy and sell things over the internet. E-commerce operates by Consumer to consumer.

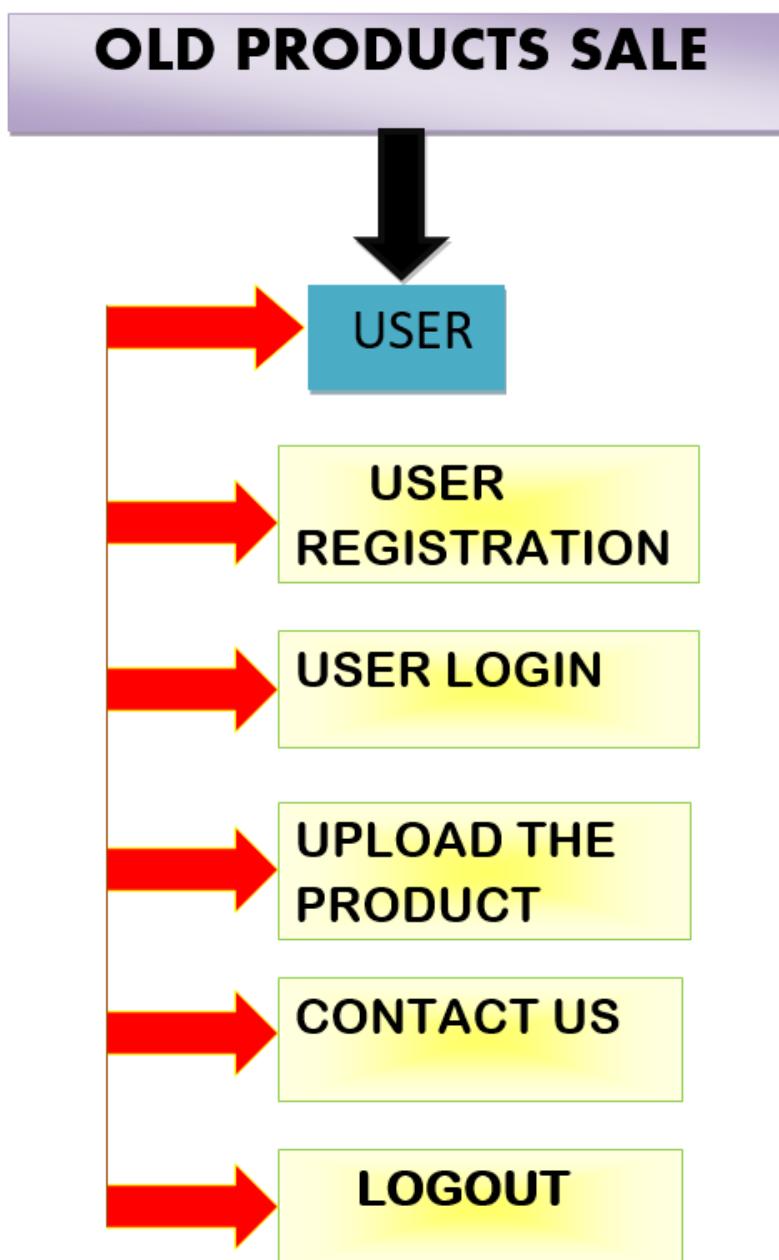
E-commerce, which can be conducted over computers, tablets, or smartphones may be thought of like a digital version of mail-order catalog shopping. Nearly every imaginable old product is available through e-commerce transactions, including books, automobiles, home accessories, and electronic devices. As such, it is considered a very disruptive technology.

# **OBJECTIVE**

The aims of this project are as follows:

1. To provide a business platform for customers to sell their old products at cheap prices and in more efficient distribution channels.
2. Presence with an online store that lets customers purchase and upload everything from old cars, bikes, furniture, etc....
3. Available for 24 hours a day, seven days a week and offer customers exclusive inventory.

# PROJECT WORK FLOW



# **MODULES AND FUNCTIONALITY**

**COMPONENTS:** Our website contain components like –

- Page up Passage and page navigation
- Photo Gallery of uploaded product and their availability along with their owner names and contact number.
- Logo of our website.
- Login and Logout option.
- Contact us.
- About us.

**FUNCTIONALITY:** User has to first signup and create his/her account, after creating his/her account he/she has to login and then after he/she can upload product or he/she can explore products on website. If user is interested in any of products, then he/she can contact the particular person as the contact number is given in the product description. In future if user want to delete his/her product then he can dm us through contact us page and his/her product will be deleted.

# **SOFTWARE AND HARDWARE REQUIREMENTS**

## **Hardware Requirement Specifications: -**

PROCESSOR :- Intel i3 or i5 1.8 GHz.

MOTHERBOARD :- According to the processor requirement

RAM :- 4GB.

FREE DISK SPACE :- 100MB

## **Software: -**

UI Development – React 17.x, ES 6, HTML 5, CSS, BOOTSTRAP

Frontend To Backend Communication – REST API

Backend - NodeJS

Server -Express

Database -MongoDB

Node – MongoDB connection using Mongoose

IDE USED – VS Code

# DATABASE / TABLE INFORMATION

The screenshot shows the MongoDB Cloud interface. On the left, the sidebar includes 'Data Lake', 'SECURITY' (Database Access, Network Access, Advanced), and a project named 'old-product-website' which contains 'contactformmodels', 'productmodels', and 'usermodels'. The main area displays the 'old-product-website.contactformmodels' collection with 3 documents. A query result shows:

```
_id: ObjectId("60eed9b1bcfec45095648db2")
name: "dkb"
email: "dkb@gmail.com"
phone: "2342442232423"
message: "Hello"
__v: 0
```

Another document is partially visible:

```
_id: ObjectId("60eedb71bcfec45095648db4")
name: "test"
email: "test@gmail.com"
phone: "99090090890"
message: "test"
__v: 0
```

A third document is also partially visible:

```
_id: ObjectId("60eedd214894b5539683eb55")
name: "test"
email: "test@gmail.com"
__v: 0
```

The screenshot shows the MongoDB Cloud interface. On the left, the sidebar includes 'Database Access', 'Network Access', and 'Advanced'. The project 'old-product-website' contains 'contactformmodels', 'productmodels', and 'usermodels'. The main area displays the 'old-product-website.productmodels' collection with 12 documents. A query result shows:

```
_id: ObjectId("60eb0f1eb1a2da3cc302742d")
name: "Tesla Model X 2021"
owner: "Harsh Tiwari"
email: "737852848"
image: "https://res.cloudinary.com/dki92z1rq/image/upload/v1626017566/Old-Prod..."
__v: 0
```

Another document is partially visible:

```
_id: ObjectId("60eb0f59b1a2da3cc3027430")
name: "Hyundai Creta 2020"
owner: "Shubham Lanje"
email: "67876678996"
image: "https://res.cloudinary.com/dki92z1rq/image/upload/v1626017625/Old-Prod..."
__v: 0
```

A third document is also partially visible:

```
_id: ObjectId("60eb0fc6b1a2da3cc3027432")
name: "BMW 2 Series"
owner: "Akash Shinde"
email: "5678769997"
image: "https://res.cloudinary.com/dki92z1rq/image/upload/v1626017733/Old-Prod..."
__v: 0
```

cloud.mongodb.com

Harsh's Org Access Manager Billing All Clusters Get Help Harsh

**old-product-website** + Create Database

NAMESPACES old-product-website contactformmodels productmodels usermodels

**old-product-website.usermodel**

COLLECTION SIZE: 545B TOTAL DOCUMENTS: 3 INDEXES TOTAL SIZE: 72KB

Find Indexes Schema Anti-Patterns Aggregation Search Indexes

FILTER {"filter": "example"} Find Reset

QUERY RESULTS 1-3 OF 3

```
_id: ObjectId("60ed1a8c736e344cc47b7b27")
> sales: Array
> message: Array
name: "Harsh Tiwari"
email: "ht39091@gmail.com"
password: "$2b$15$5g7RqrA4509wtqaiUSU6We6yBCbuwd1a2F4jzmX7f4TSG6nQbzxe"
__v: 0
```

```
_id: ObjectId("60edded2ac6370b104c1845")
> sales: Array
> message: Array
name: "testing"
email: "testing@gmail.com"
password: "$2a$15$1b0Tz02BEjYsGrHLmTucUOTpMn8ZEnFr8ofw/TrMhtIN1xu7AnQPm"
__v: 0
```

```
_id: ObjectId("60eeded7e16f3c66978b60c36")
> sales: Array
> message: Array
name: "Harsh Tiwari"
email: "harsh@gmail.com"
password: "$2a$15$1c52lCYiUFsXac5mCcSFdwJa0UK53.Yh6zhYJitaoEY1LWiBJ384RE4Ni"
```

Feature Requests

React App Cloudinary Management Console

Old-Product-Website

All Search Media Library Upload

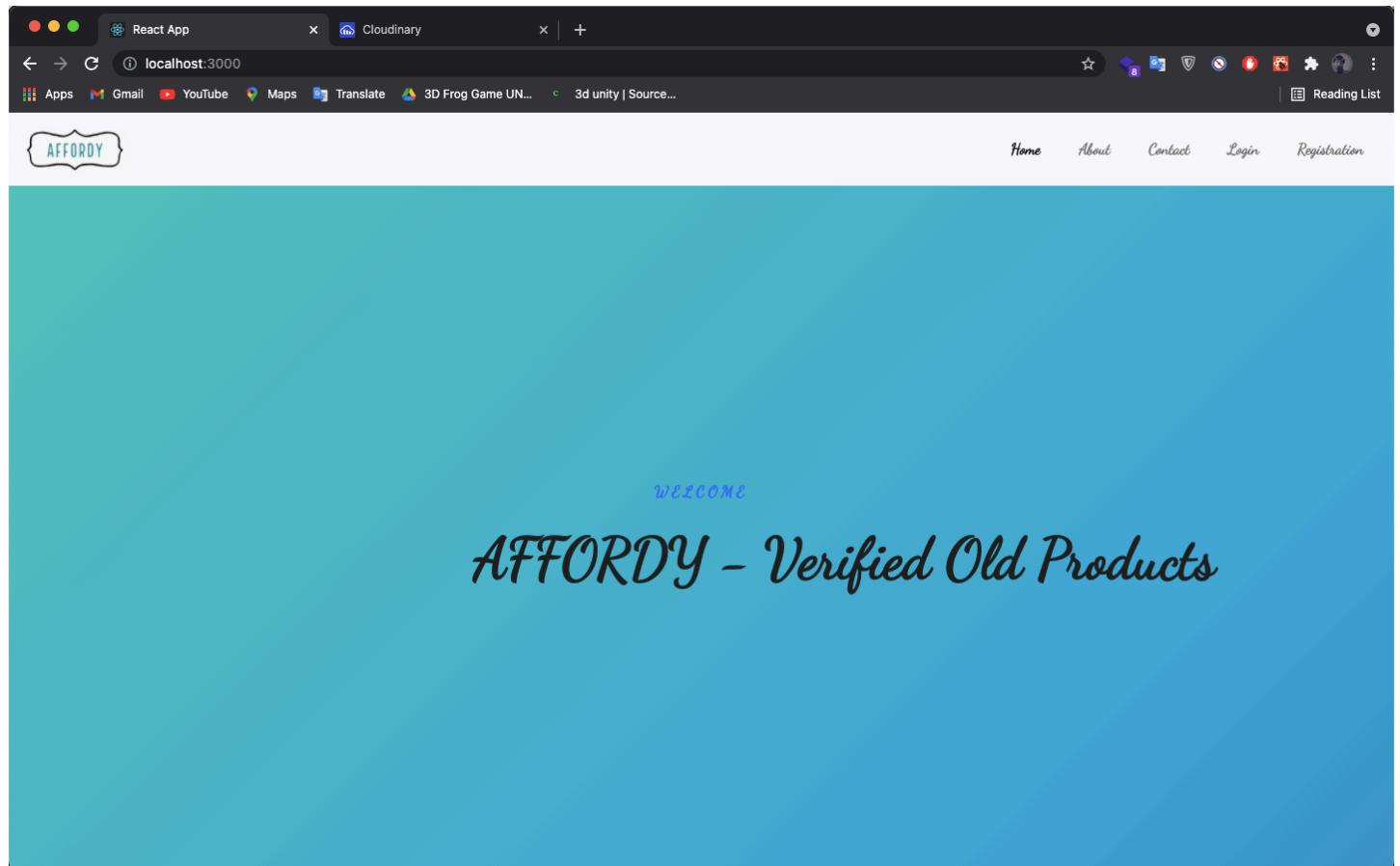
Assets (11)

s0ighkbjulgj4fs10y Old-Product-Website IPG 8.88 KB 293 x 172	kghmeypvzwmlcbyvmx Old-Product-Website JPG 3.71 KB 294 x 171	ajlhdq8qumfrty62g Old-Product-Website JPG 11.27 KB 300 x 168	nxctesuab78gfbbrrhsf Old-Product-Website JPG 5.85 KB 322 x 156	zbv89aibljq4kcil6qqp Old-Product-Website JPG 5.97 KB 275 x 183
awycxzkip6xmsarohhk Old-Product-Website IPG 3.38 KB 275 x 183	uvv8uiylevjrtpbkeegx Old-Product-Website IPG 7.9 KB 296 x 170	y6cr0digtobkmzuajd4 Old-Product-Website IPG 7.58 KB 310 x 163	wmyta2vgsmBrizoqt7n Old-Product-Website IPG 11.7 KB 290 x 174	uxswe3ehsj5has4u5lhz Old-Product-Website IPG 13.07 KB 276 x 183

For database we have used clouddinary and mongodb for user login information and product details. Mongodb is used for details regarding user ,name ,password and product details while clouddinary is used for storing images of Ads Posted by User.

## PROJECT SCREEN SHOT

### Homepage:



React App × Cloudinary Management Cons... × | +

localhost:3000

Apps Gmail YouTube Maps Translate 3D Frog Game UN... 3d unity | Source...

Reading List

Tesla Model X - 2021  
Contact: 7378852848  
Owner: Harsh Tiwari

A white SUV parked on a dirt road.

A silver sports car parked on a gravel surface.

A black Xbox One S console next to a black Xbox controller.

A handheld gaming device showing a game screen.

A black PS4 console next to a black PS4 controller.

A hand holding a purple smartphone.

A large television screen displaying a landscape scene.

iPhone 12 Pro Max - 2020  
Contact: 7867867860  
Owner: Sarfaraz Khan

A pair of black over-ear headphones.

A red and black motorcycle parked outdoors.

A dark brown leather sofa set against a brick wall.

A row of social media sharing icons for Facebook, Twitter, LinkedIn, and YouTube.

A screenshot of a web browser window displaying the Affordy application. The page shows a grid of four items for sale:

- iPhone 12 Pro Max - 2020**  
Contact: 7867867860  
Owner: Sarfaraz Khan
- 
- 
- 

The footer of the page includes navigation links for Home, About Us, Login, and Contact Us, along with social media sharing icons for Facebook, Twitter, LinkedIn, and others. A small watermark for "Affordy © 2021" is visible.

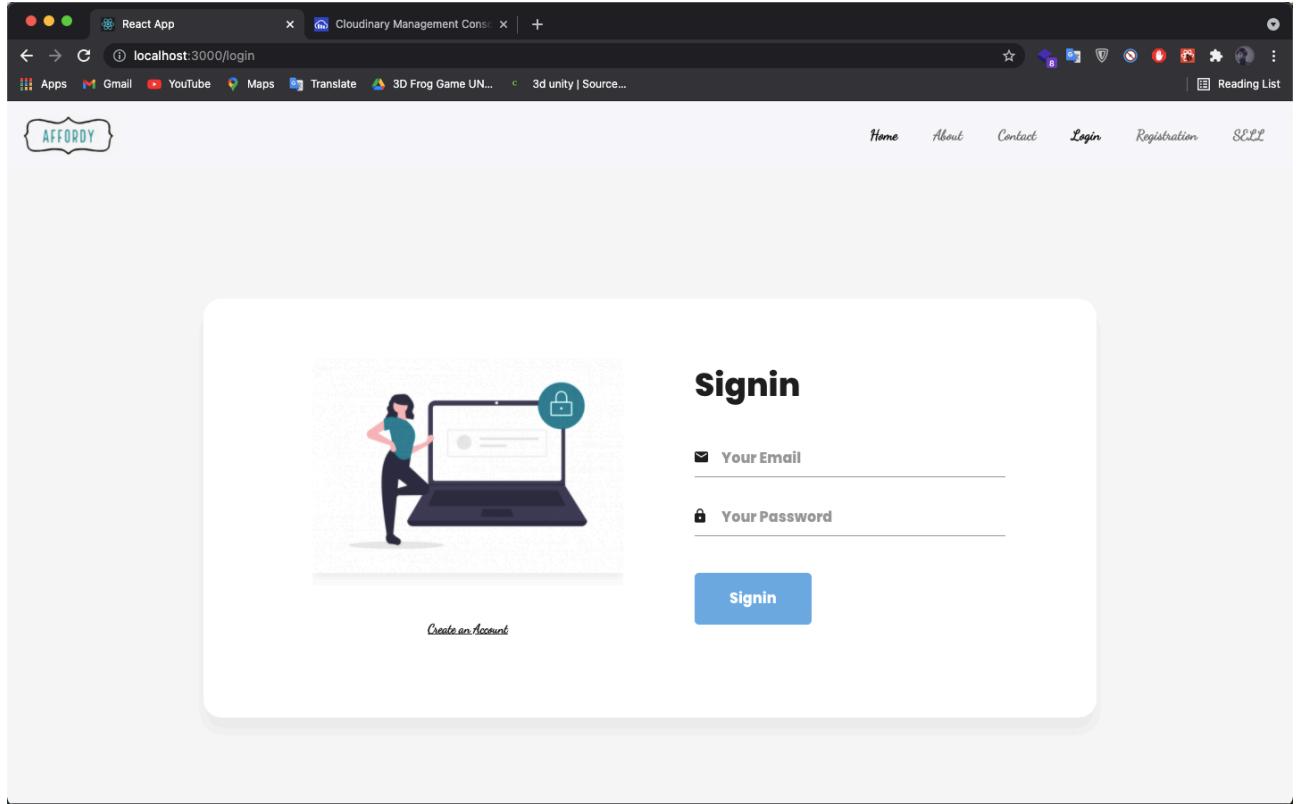
## AFTER LOGIN :

A screenshot of the Affordy application after a user has logged in. The header now includes the user's name and account information:

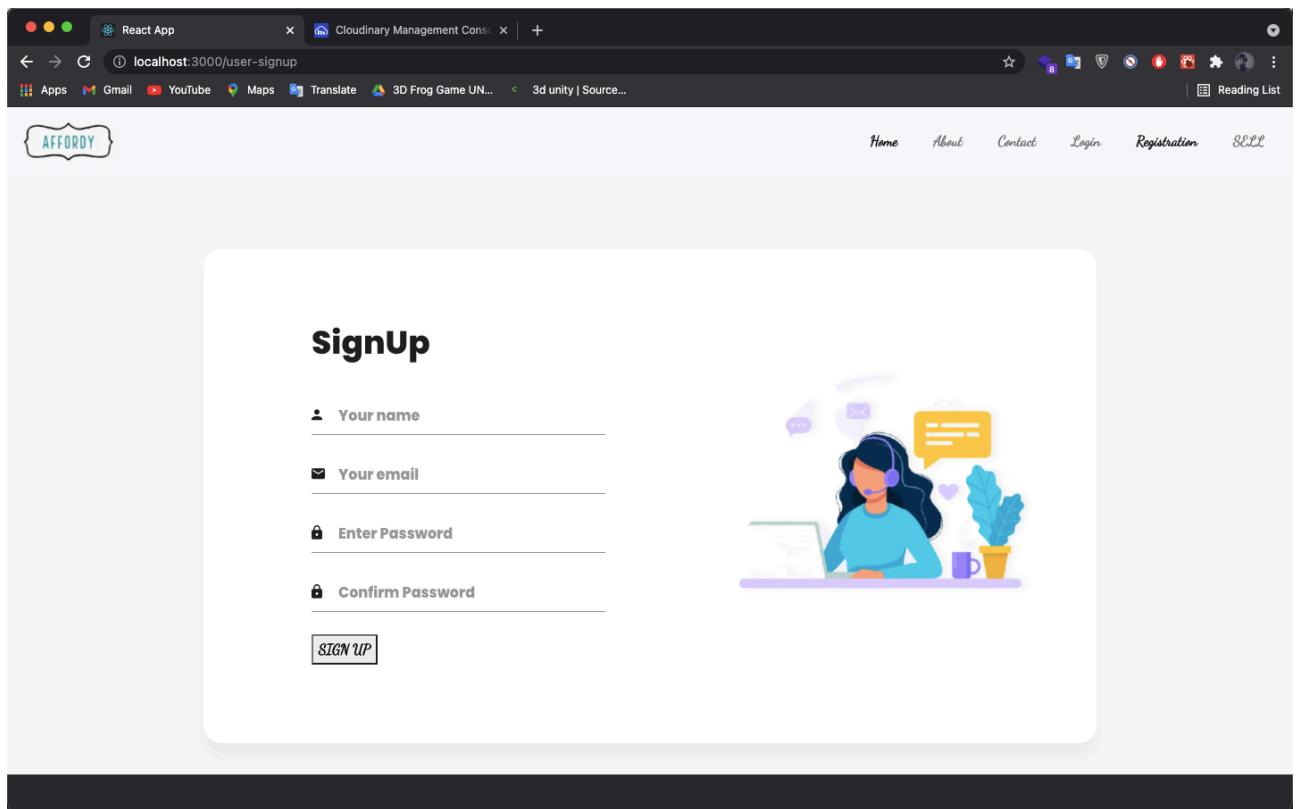
- AFFORDY** (in a green rounded rectangle)
- Home
- About
- Contact
- SELL
- LogOut

The main content area features a large, stylized "WELCOME" message and the tagline "AFFORDY - Verified Old Products".

L o g i n :



Signup:



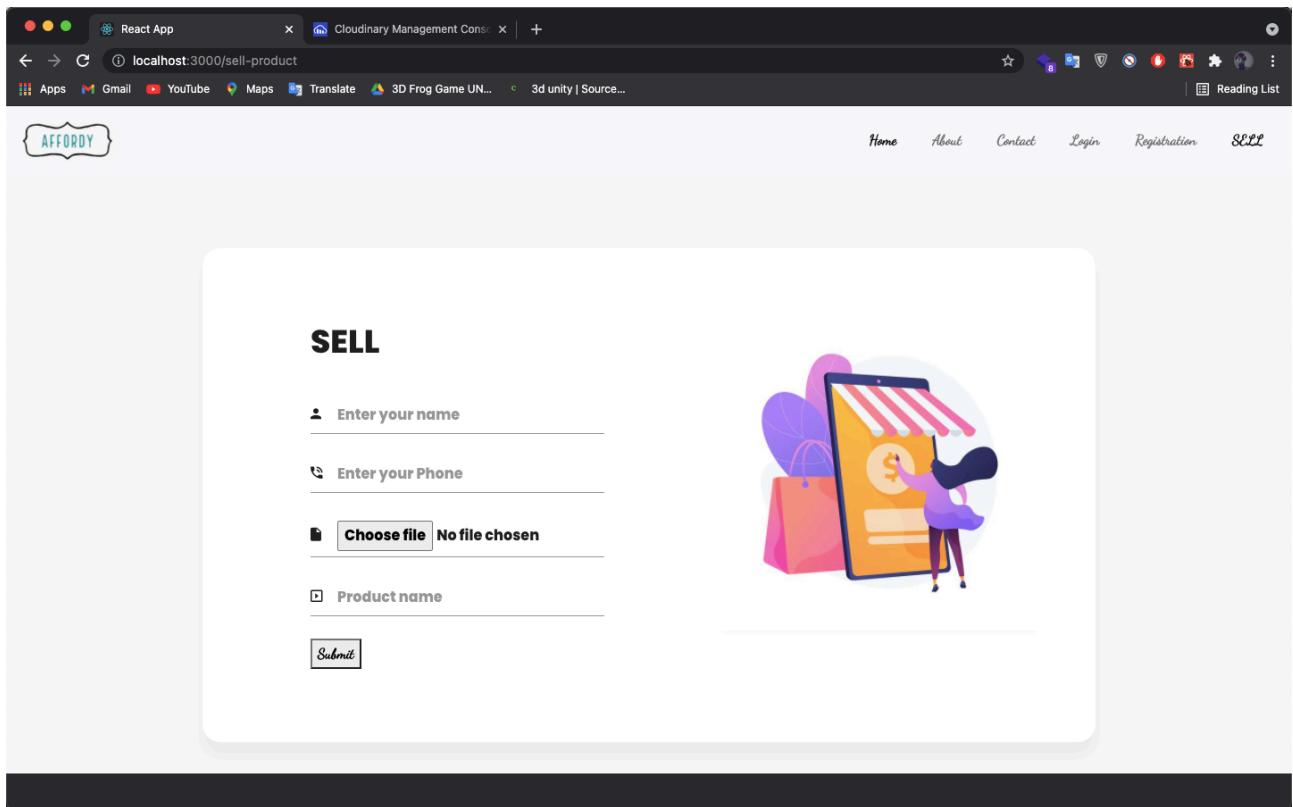
S

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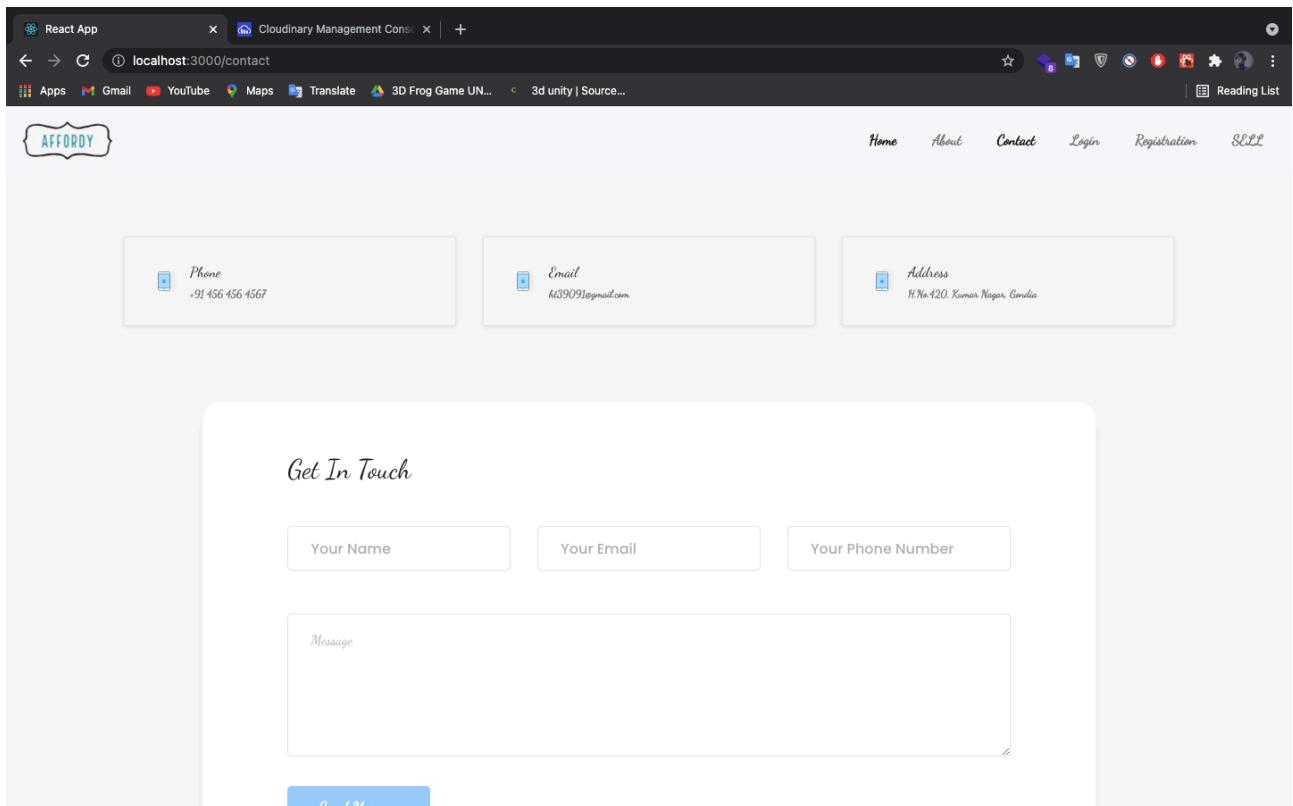
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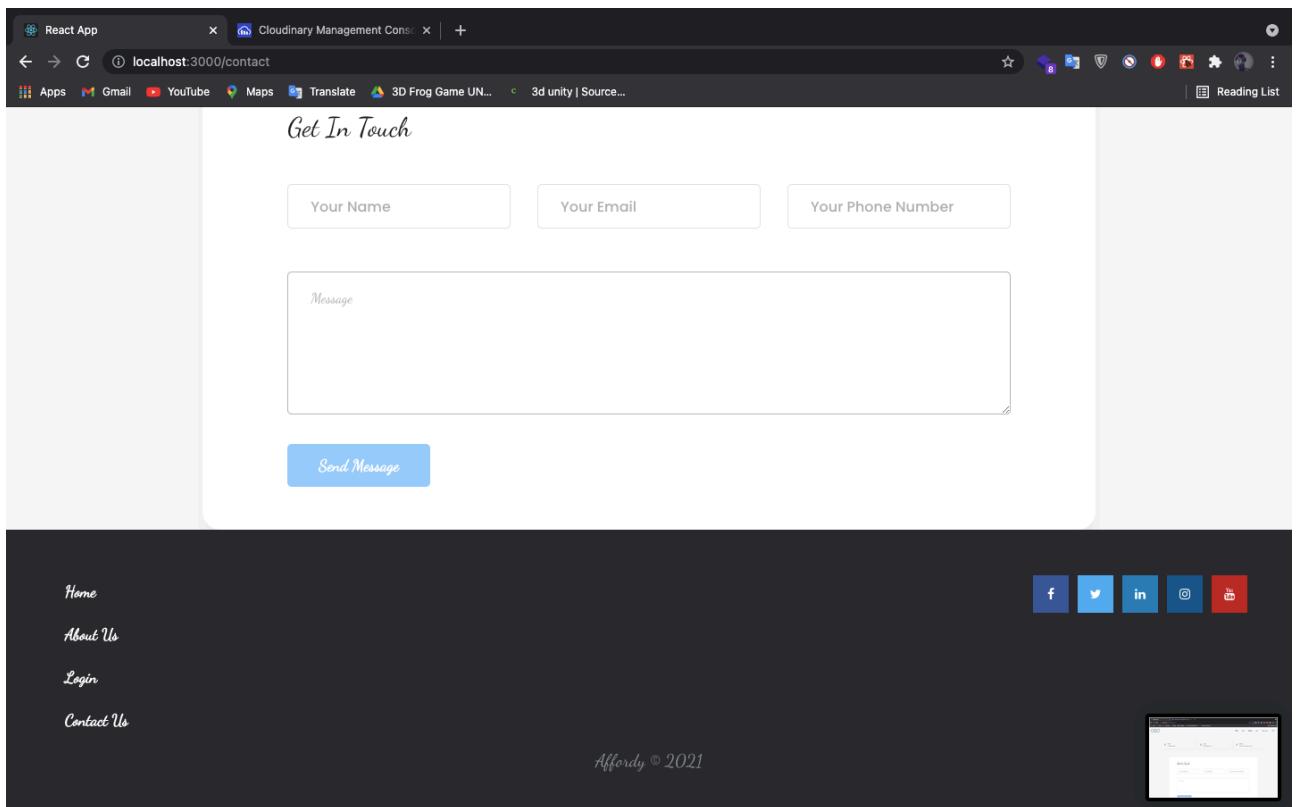
l

:

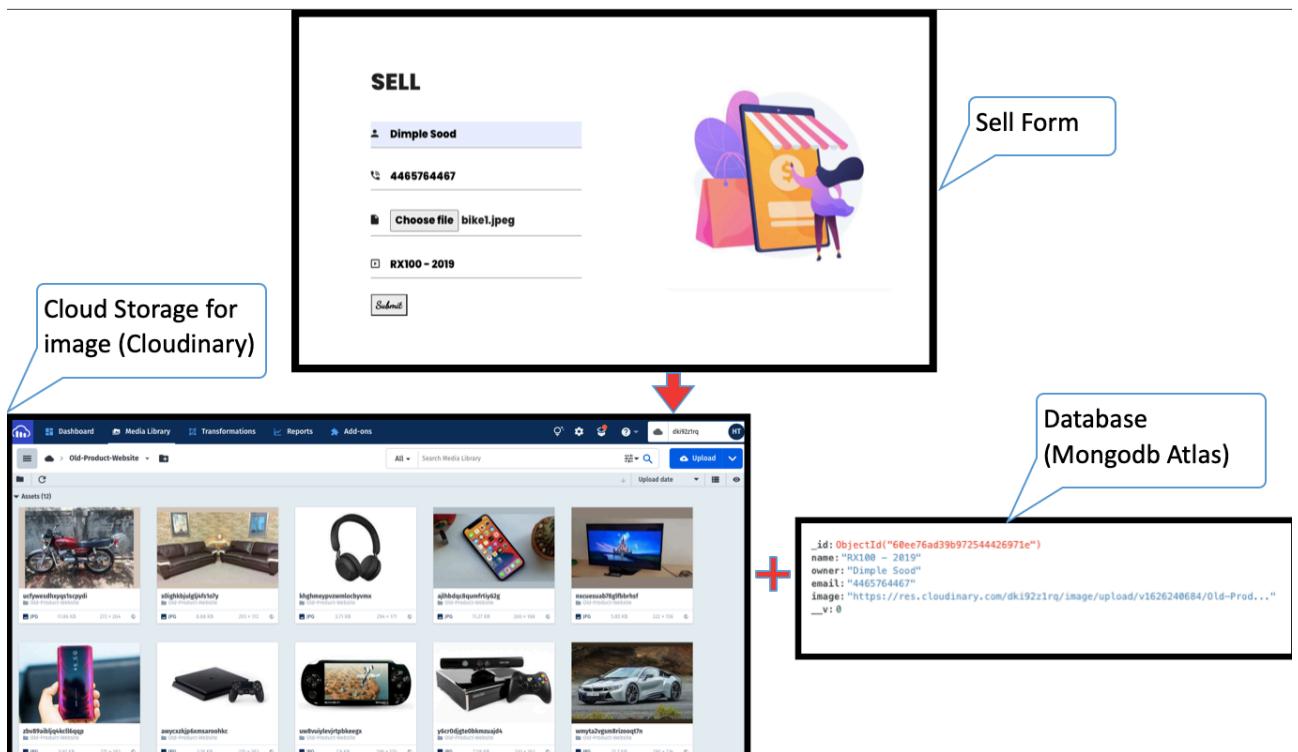


## Contact:





# TESTING



## **FUTURE SCOPE**

1. Making callback widget so that visitors can leave their contact details so that company representatives can contact them.
2. Product Filters: - to facilitate the search for products according to certain criteria such as size, color, material, etc. as per their need.
3. Online chats: - allow user to online consultant that provide complete information about the products.
4. Newsletter Subscription: - allow customers to familiarize with new product update and special offer via email.
5. Quick Orders.

## **REFERENCES**

1. <https://reactjs.org/>
2. <https://getbootstrap.com/>
3. <https://drive.google.com/drive/folders/19pHYdXRZ6ec7salRTi8Bc3COdr-w4p>