TIMBERNET

Where Luxury Meets Affordability!

Topic Of Contents

TIMBERNET

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THEME:
INNOVATE FOR THE FUTURE

INSTITUTION:
HERITAGE INSTITUTE OF TECHNOLOGY

What is TIMBERNET?

TIMBERNET is an online application which acts as an interface between the **Furniture shops** and **Local residents** in that area. People can order different types of furniture available from the Local furniture shops which are either **ready-made,customised or second hand/refurbished**. Only verified shops are allowed to use this platform as we perform a background check on them, so that the users can avail the best furniture without any issue.

The AI assisted application marks as an finesse to the future and innovation associated with it.

Problems To Solve

1 **Affordable Price**

Online website become more costly for increase in elegancy of the furnitures.

2 **Product Damage**

Long distance travelling makes it more prone to damage.

3 **Lack of Customised Products**

Online sites lack customization feature.

4 **Expensive Shipping Charges**

Levying of high shipping charges due to distance,shape etc.

5 **Unavailability of Second Hand product**

The Online furniture stores do not include the feature to sell or buy the second hand furniture .

Unique solutions

TIMBERNET outstands other website with some of it's amazing features like:

- Timbernet deals with Local brands,which are budget friendly while the quality of products are same as of the Online Branded products.

- The Transportation charges are almost negligible as the Shops and the Users are in the same Locality.

- As the Users and Shops are present in the same Locality the chances of Transportational damage reduces.

- Customers have a wide range of options to customise their own products. This is done with the help of our Inspection Team.

Unique solutions

TIMBERNET Inspection Team (TIMBER-TEAM):
This is a special team under the company, which mainly does the following jobs:

- Whenever the customers opts for customised products, the inspection team reaches the user's location to look into aspects like the desired design , innovative ideas, dimensions etc. of the product.

- When the customers opt for exchange of old products ,our team does the quality check of the product and confirms whether the product is eligible for exchange or not .

- When the customers wants to sell their old products, our team does the quality check of the product and also negotiates the price based on it's condition .

Reusability and scalability

SECOND HAND PRODUCTS:
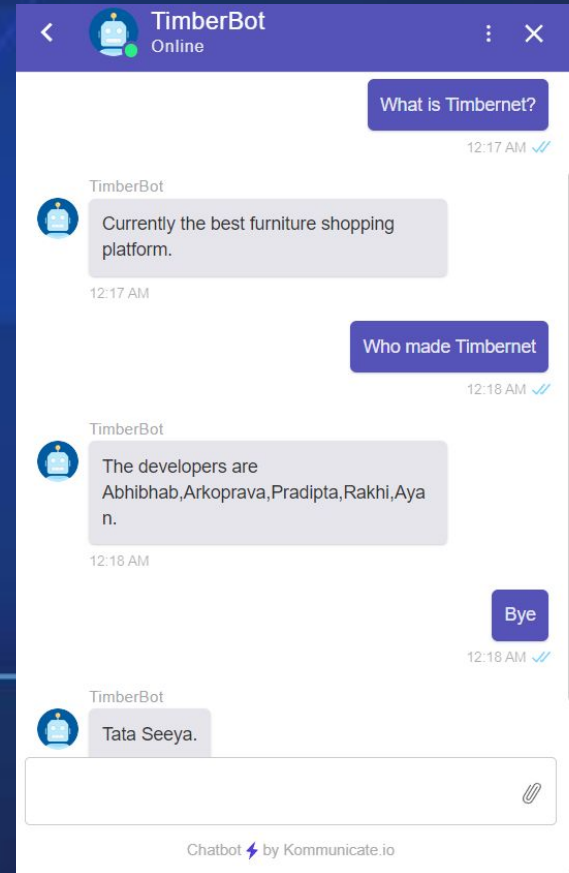The Users can buy / exchange / sell the old products.

REFURBISHED PRODUCTS:

Customers can modify/refurbish the old products on their

own will or by taking assistance from our timberteam.

WOW Factors:

TIMBERBOT(Chatbox):

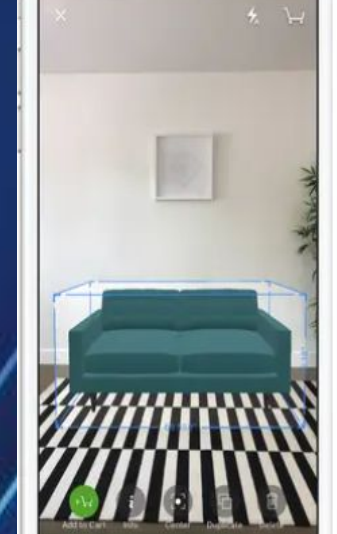**The inbuild chatbox assists you and clears all your queries.**

WOW Factors:

If the users want to make customised products, they can :
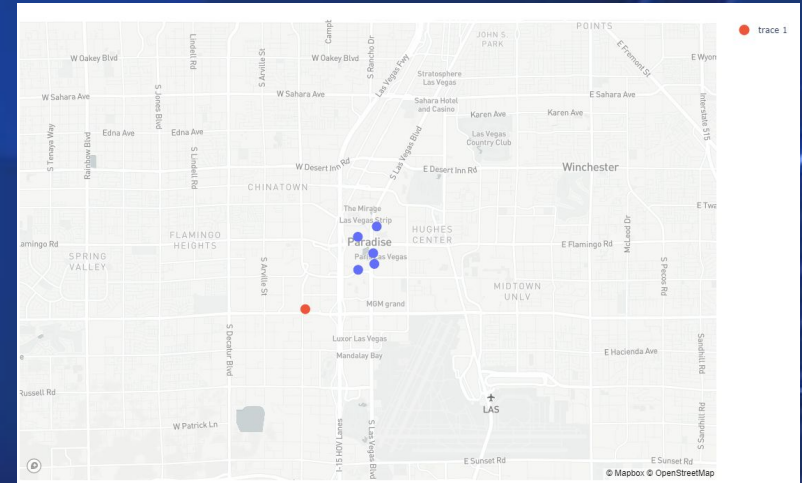
AI Assisted (AR model)
It will provide AI generated graphical model of the actual product and it's fit in user's space .
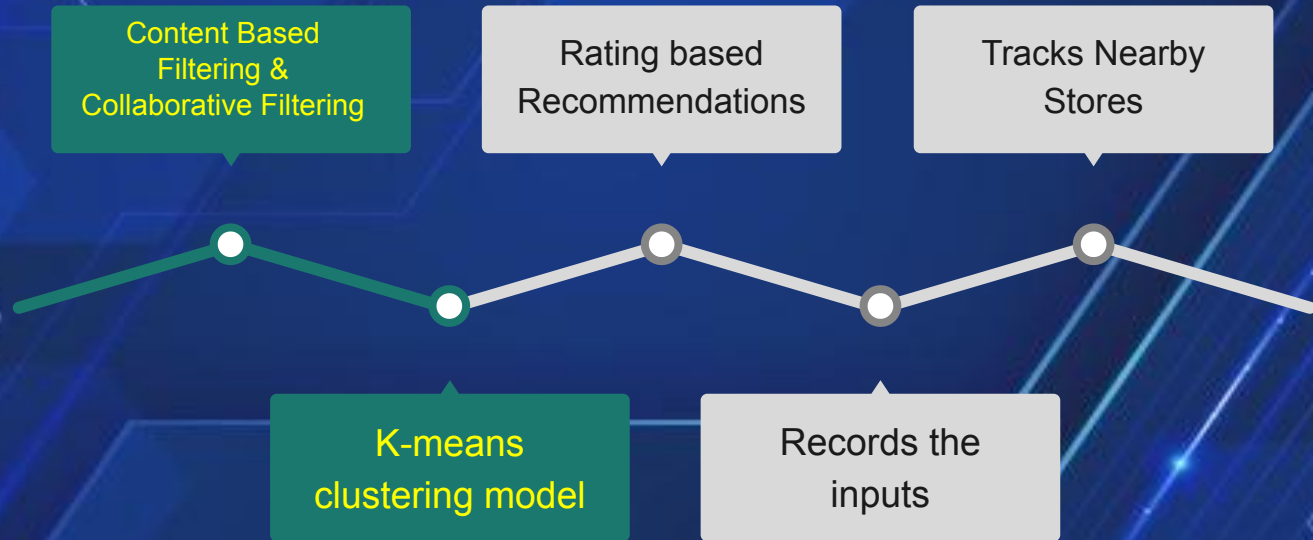
WOW Factors:

Location Based Recommendation
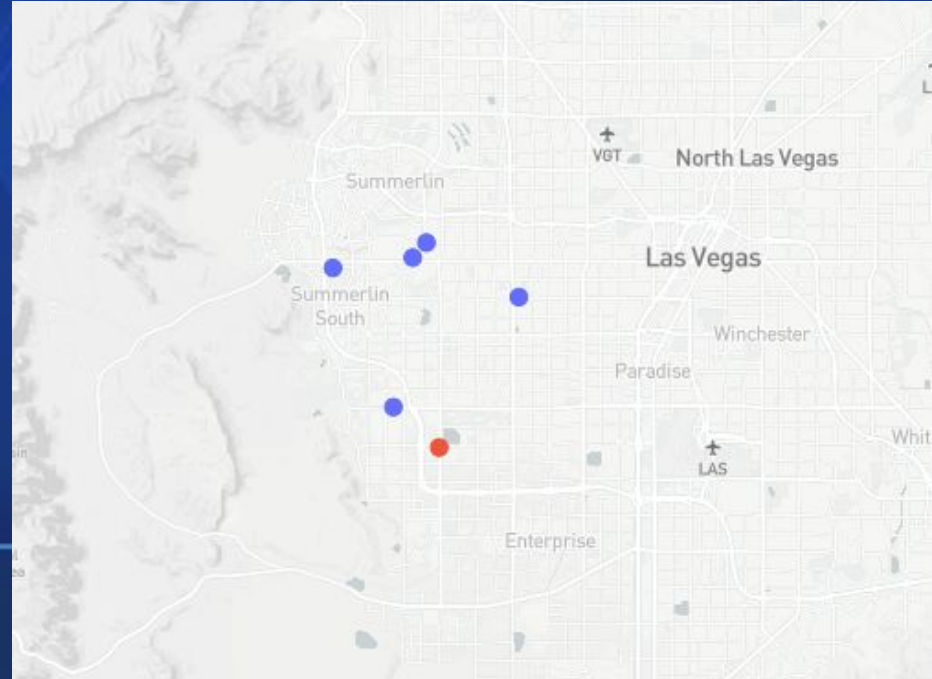
The User will get recommendations of different furnitures from the nearest stores according to the needs - designs, dimensions, etc.
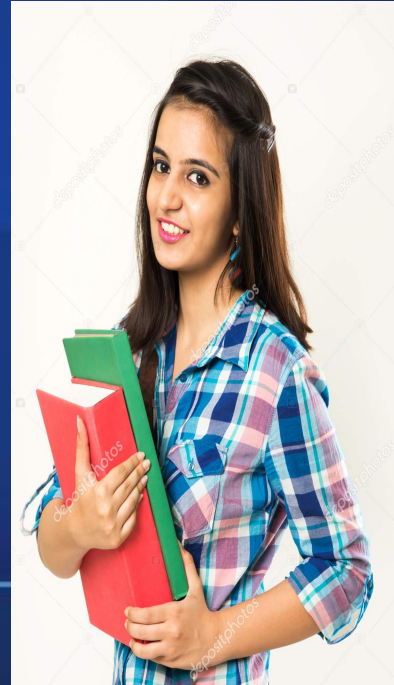
The Recommendations will be displayed on the map with the user's location and the different stores located nearby

Target audience

Timbernet mitigates the problem of the common people , mainly :

01 | University students.

02 | Freshers .

03 | Newly married.

04 | People with transferable job.

05 | Small business with small office.

06 | People with busy life schedule.

Marketing and Scalability:

Online Market :

MARKET TYPE	CURRENT(2021-22)	FUTURE (2021-26)
Global market	51.85B $	112.67B $(with 16.79 % GR)
Indian Market	7.71B $	40B $(with 39 % GR)

Revenue generator:

- Google ads and other affiliated marketing .
- Connecting users and buyers to maximum possible.
- More profit margin then offline market .
- Providing more discounts.
- Target to capture 2.5% of indian market(100 million dollar)

GLOBAL ONLINE FURNITURE MARKET 2022-2026

Market growth will **ACCELERATE** at a **CAGR** of

16.79%

Growth Contributed by **APAC**

37%

Incremental growth ($B)

112.67

2021   2026

Growth for **2022**

8.0%

The market is **FRAGMENTED** with several players occupying the market

17000+ Reports covering niche topics. Read them at ◢technavio
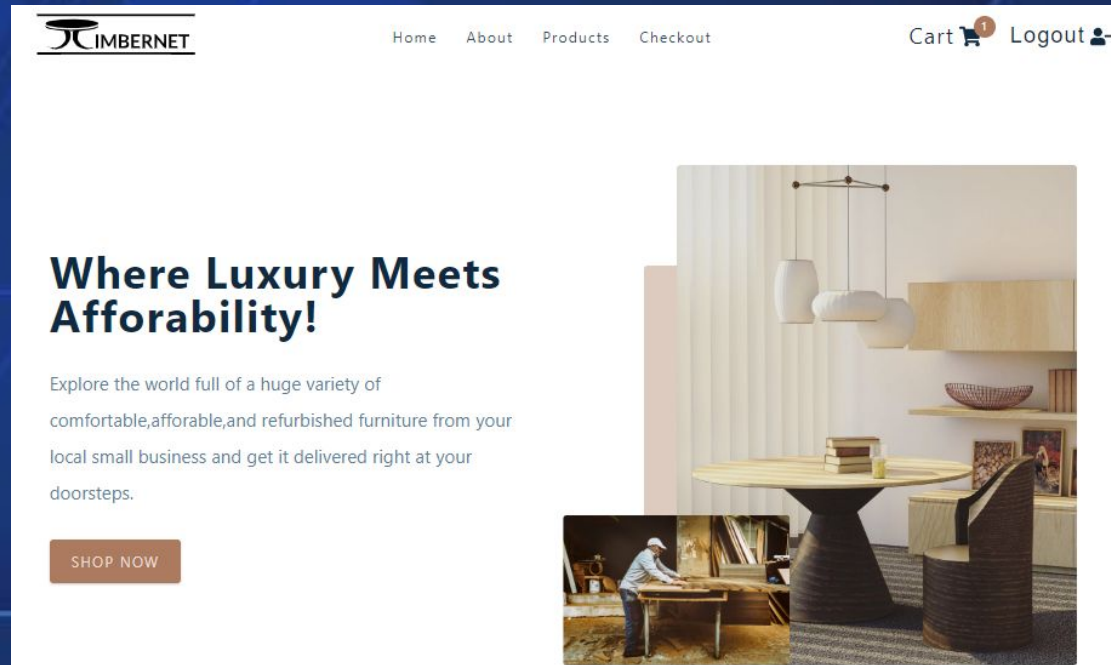
Technologies Used

OUR WEBSITE

Home

01

This is the Home page of our website from which we can navigate through the different sections of our application like Products,Checkout,etc.
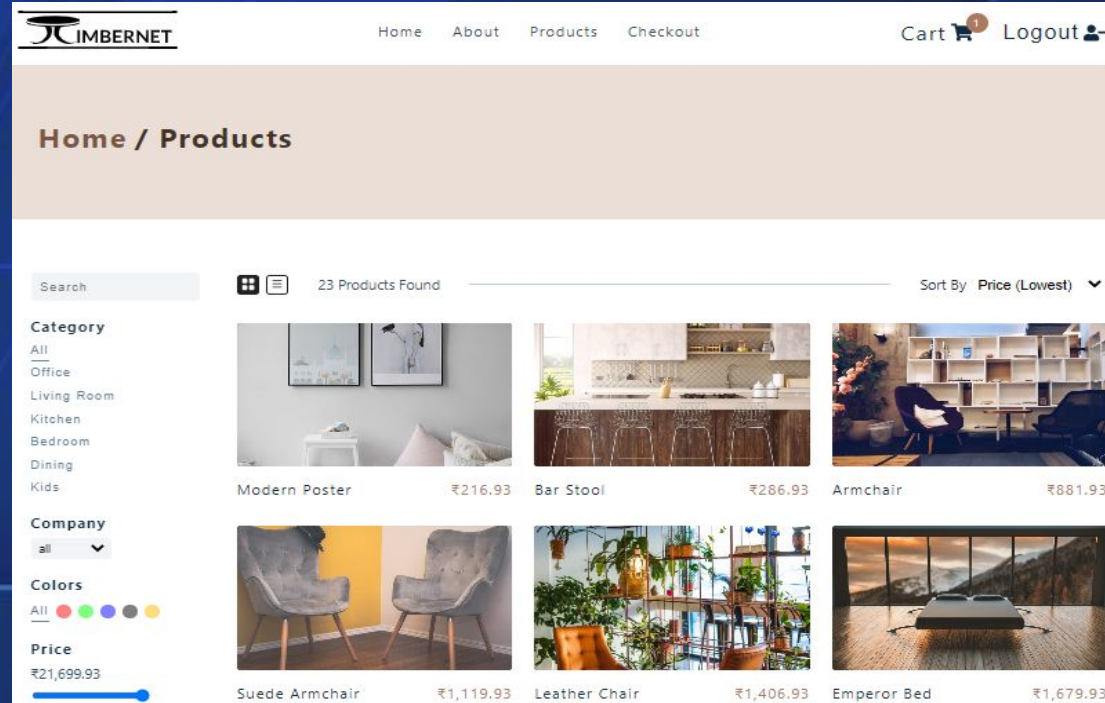
Products

02

This is the **Products** section where we can find different types of Furniture works like Armchair, Bookshelf, etc.

We can modify our search by selecting desired category, company, price ,etc.

Selecting a desired Furniture

03

For example,

We have decided to buy a Bookshelf, so we will be shown a brief info about the product along with the **price**, **availability**, **pictures from different angles**,etc.

Modern Bookshelf

★★★★☆ (27 customer reviews)

₹2,239.93

Cloud bread VHS hell of banjo bicycle rights jianbing umami mumblecore etsy 8-bit pok pok +1 wolf. Vexillologist yr dreamcatcher waistcoat, authentic chillwave trust fund. Viral typewriter fingerstache pinterest pork belly narwhal. Schlitz venmo everyday carry kitsch pitchfork chillwave iPhone taiyaki trust fund hashtag kinfolk microdosing gochujang live-edge

Available :	In Stock
SKU :	RecoAJYUCuEKxcPSr
Brand :	Caressa

Colors :

1

ADD TO CART

Cart
04

This is the **Cart** where we can see the products we have chosen to buy. The User can then checkout and place the order by completing the payment.

Item	Price	Quantity	Subtotal	
Modern Bookshelf Color :	₹2,239.93	− **1** +	₹2,239.93	🗑

Continue Shopping

Clear Shopping Cart

Subtotal :	₹2,239.93
Shipping Fee :	₹37.38
Order Total :	**₹2,277.31**

PROCEED TO CHECKOUT

Payment Options

05

Users can make Payments with Credit/Debit Cards, Net banking, UPI or COD (Cash on Delivery).

The users get Flexible payment options and can choose according to their own will.

Credit card detail

Card Number

Month ▾   Year ▾

CVV   3 or 4 digits usually found on the signature strip

Proceed

UPI
UNIFIED PAYMENTS INTERFACE

COINOME   ₹ 10000.00
Merchant Name   Payment Amount

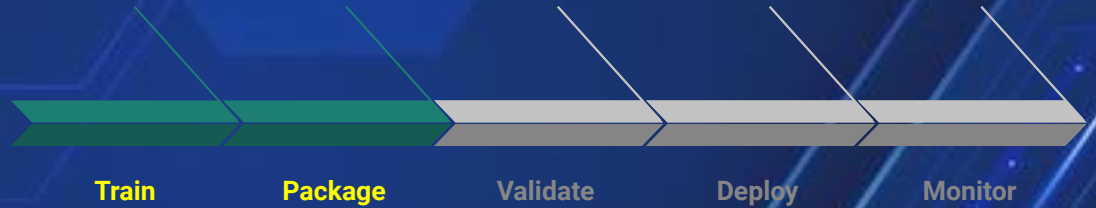Enter your VPA

eg. abc@psp

Make Payment

Cancel and Go back to merchant

TAKING OFF TO TIMBERNET...............

https://timbernet.netlify.app/

WORKING OF OUR ML MODEL.......

Train   Package   Validate   Deploy   Monitor

What did we learn?

The project basically provided us an insight knowledge about the various hurdles faced by the people in the daily life in the furniture domain.

We explored various technologies like - React,Stripe,Netlify,etc.

We learned a lot about different tools that we can use while building a website.

Our project strengthened our perseverance determination and teamwork capabilities to obtain a successful project.

Thank you.