







Threads mania is a local handmade business that specializes in making customized accessories using high quality threads and customized patterns to add that special personal touch. It was launched our business with the support of my beautiful mother and sisters mid 2013

















# The Problem

We can look at the problem from three aspects:



The business doesn't have one platform that manages and tracks the orders



The owner complains from having to use different applications at the same time and sometimes having to write orders and notes on different references (digital or hard copies).



As for the ordering process; the customers place their orders from the different business' social media accounts.

# The Solution

A website will be built as a solution for the proposed problem to organize all the processes that happens within the business whether it was for the customers or for the business owner.



# Customers Interface (User)

It will be specialized for the business customers based on the studied behavior of their behaviors throughout the business history. The user Interface offers the features shown on the right



**Register**



**View products**



**View recommended products**



**View best sellers**



**Rate and write feedback on products**



**Add products to their cart**



**Add products to favorites**



# Business Owner Interface (Admin)

It will be specialized for the business owner. Based on the owner's request the initial features list will be as shown on the right



## **Managing orders:**

- View current and past orders
- View orders type (Delivery or Pickup)
- Orders Progress
- Add Orders



## **View products in-stock**



## **Writing and saving notes.**



## **Monthly reports:**

- Revenue
- Number of placed orders
- Number of items sold
- Most selling category
- Best selling product

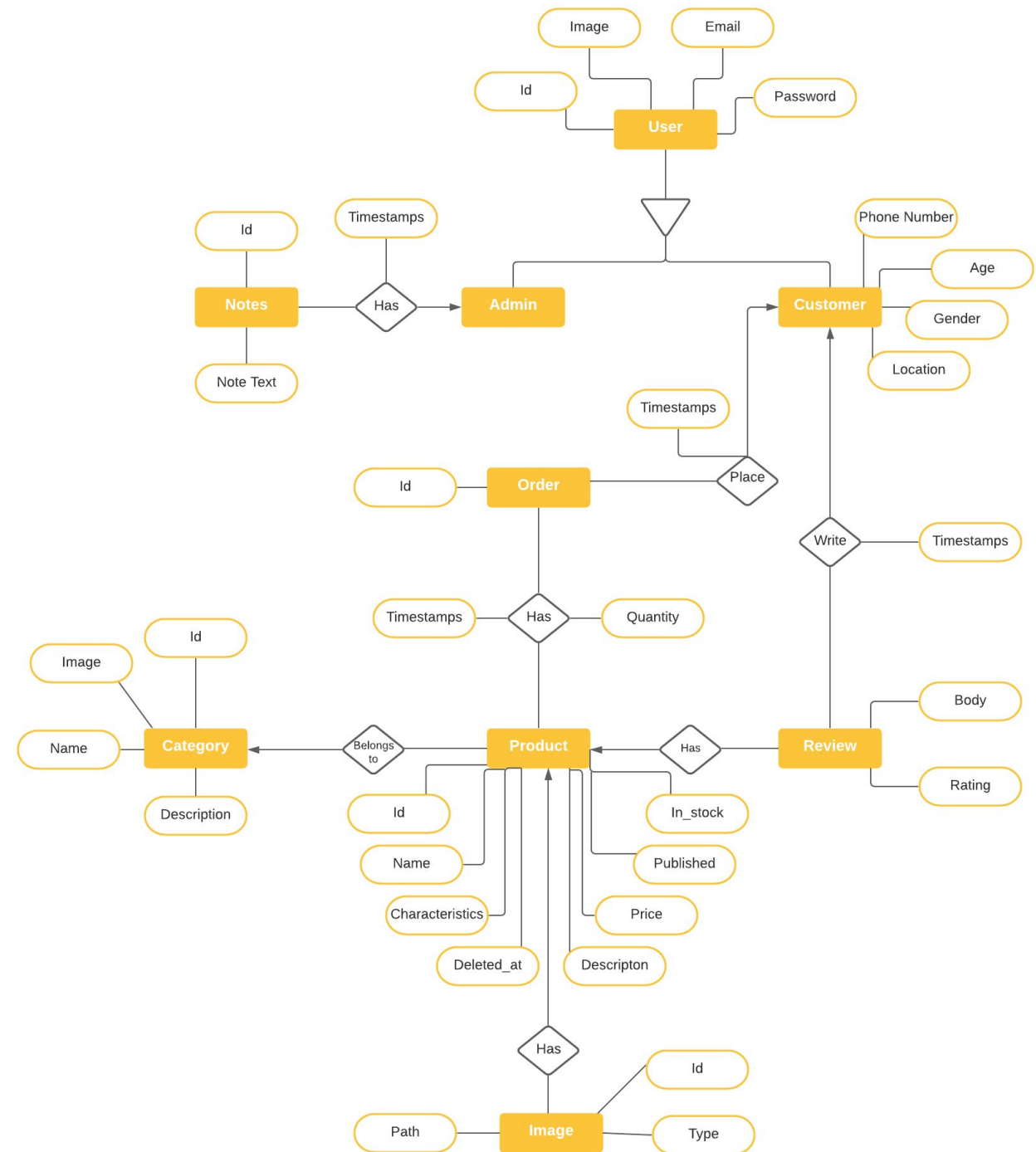


## **Manage communications with delivery companies**



# Database design

The ERD below describes the interrelated things of interest in this specific domain of knowledge. And it is composed of entity types and specifies relationships (Write, Place, Has, Belongs to) that exist between Users, Orders, Products, Categories, Reviews.





# Future Work

We can look at the future work:



And an online payment  
option



Develop an algorithm for  
product recommendation



Make ordering process  
more interactive





# THANK YOU

*Any Questions?*

