

STORING & RETRIEVING DATA PROJECT REPORT



HANDMADE

ONLINE SHOP

A selection of unique handmade products by our best designers.









SHOP NOW

UP TO **50%** OFF



Group 17

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What's our idea?

Our project idea is an online shop that specializes in handmade products. Our startup started operating in 2020, during the pandemic, bringing a solution for the artists to improve their incomes by selling their handmade products on our virtual marketplace.



How you can purchase our product?

We are a virtual shop and our service is present in all regions of Portugal. Every 'client' can access our website, search and check products. The offered products are divided into categories ranging from home furniture to clothes and accessories. A 'category' can have many products, and also a 'product' can be found under multiple categories (e.g. bags, best sellers, and on-discount).

The client can place an order with different products and quantities. A 'product order' is issued for each product with the relevant quantity. Once the order is confirmed, the client receives an 'invoice' with the total value summing all the product orders, and including delivery fees and 'discount' if applicable. Our 'delivery man' delivers the order to the client 'location', the 'shipment' fees vary depending on the city and the amount spent. The client can follow the progress of his order through the 'shipment status' and finally 'review' the product once received.



How we operate?

We don't dispose of a physical shop, but we have a warehouse in Lisbon to store the products and manage our inventory.

Currently, we are collaborating with several designers from around Portugal. Once our 'designer' finishes preparing a single product or a batch, our delivery man transports it to the warehouse.

The inventory is automatically updated each time an order is issued or a new arrival enters the stock, and therefore the availability is also updated in the '<u>product_status</u>' table.

For marketing reasons, we are gathering data from our customers (birth_date, gender, and history of purchases) in order to personalize our service and suggest the most suitable products and offers to our clients.



