

MARKETPLACE

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INTRODUCTION

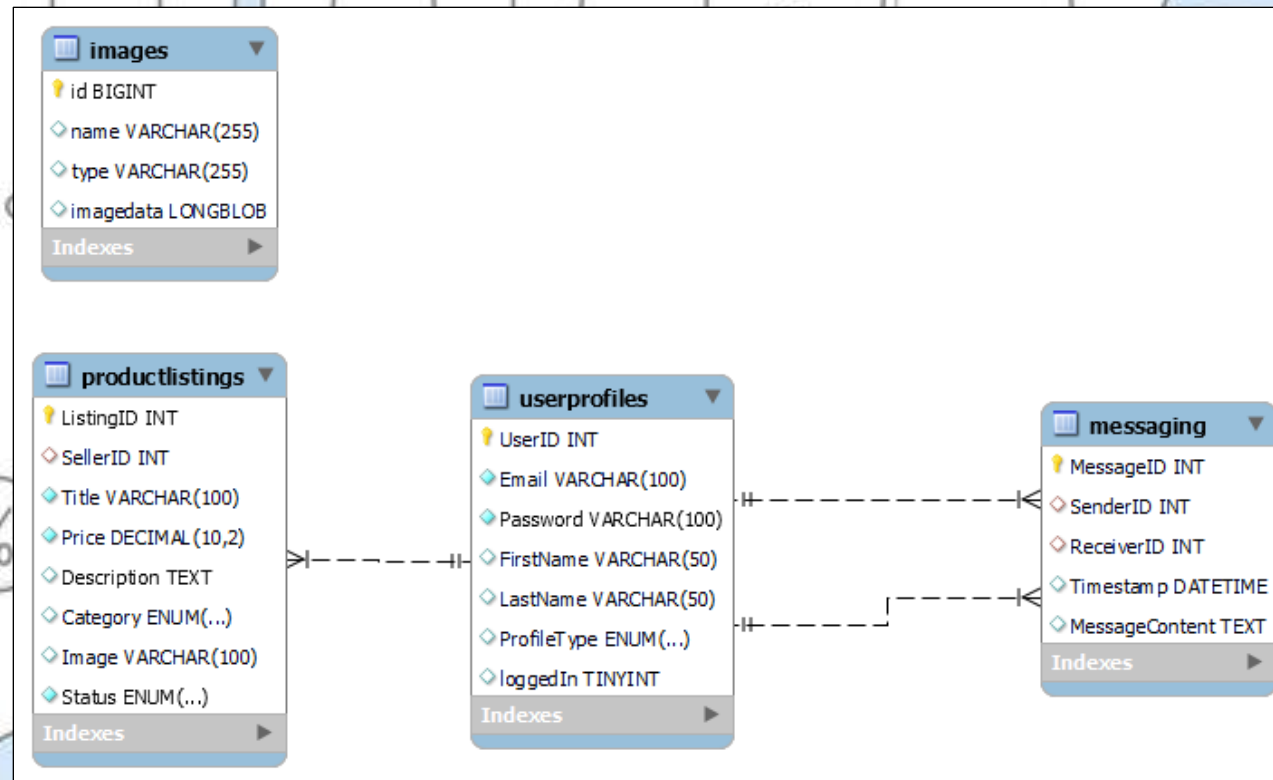
Project

- Web application designed to facilitate buying and selling of products
- Users can sign up and sign in
- Users can conveniently list their products for sale, update or delete their products, and browse items listed by others
- Dashboard: Users have access to a dashboard displaying key sale metrics.

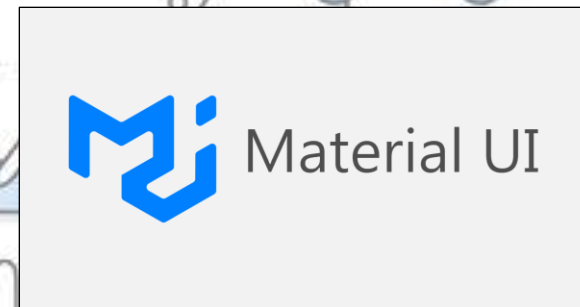
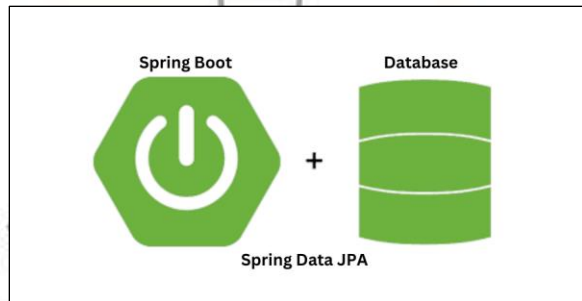
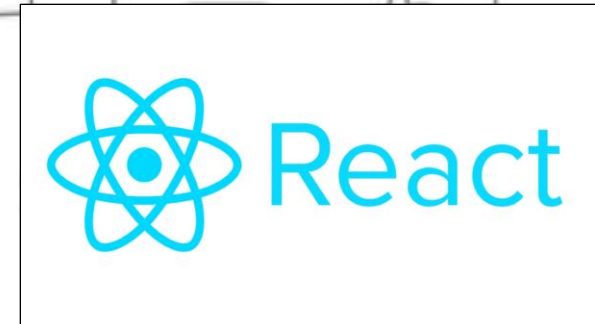
Team

- Gilles: JPA master, image processing master
- Ada: Frontend pro
- Hamna: Frontend pro
- TEAM OF JACK OF ALL TRADES!

APPLICATION ORGANIZATION



TECH STACK



LIVE DEMO

Marketplace



Sign in

Email Address *

Password *

☐ Remember me

SIGN IN

[Don't have an account? Sign Up](#)

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MARKETPLACE

- Dashboard
- Shop
- Sell
- Messages

My Dashboard

Sold Items by Category



Average Sales of Sold Items
\$61.24

Product Listings

Title	Price	Description	Category	Status
T-shirt	\$19.99	Plain white T-shirt	CLOTHES	ACTIVE
Coffee Table	\$149.99	Wooden coffee table	FURNITURE	SOLD
Running Shoes	\$79.99	High-performance running shoes	CLOTHES	ACTIVE
Laptop	\$899.99	Powerful laptop for professionals	ELECTRONICS	ACTIVE
Sofa	\$499.99	Comfortable sofa for your living room	FURNITURE	ACTIVE
Perfume	\$29.99	Elegant perfume with a floral scent	BEAUTY	SOLD
Backpack	\$29.99	Durable backpack for everyday use	CLOTHES	SOLD
Sweatshirt	\$34.99	Cozy sweatshirt for chilly days	CLOTHES	SOLD

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Developers:

Gilles Isaac Tiesse
Ada Andrei
Hamna Akhter

LESSONS LEARNED

Problems we encountered:

Having to change written code. Storing and retrieving images in the database.

How we overcame them:

Changed the code when necessary and performed appropriate regression testing.

Created a new entity for images, external help.

What would we do differently next time:

- Implement best design practices from the beginning:
 - Using IDs to retrieve objects (ensure uniqueness, efficiency, consistency and simplicity in application code).
 - Having default values for enums for error handling, testing and better user experience.
 - Building reusable frontend components.

THANK YOU!