University Of Toronto Design League

— Storify —

Exploring another dimension of storage

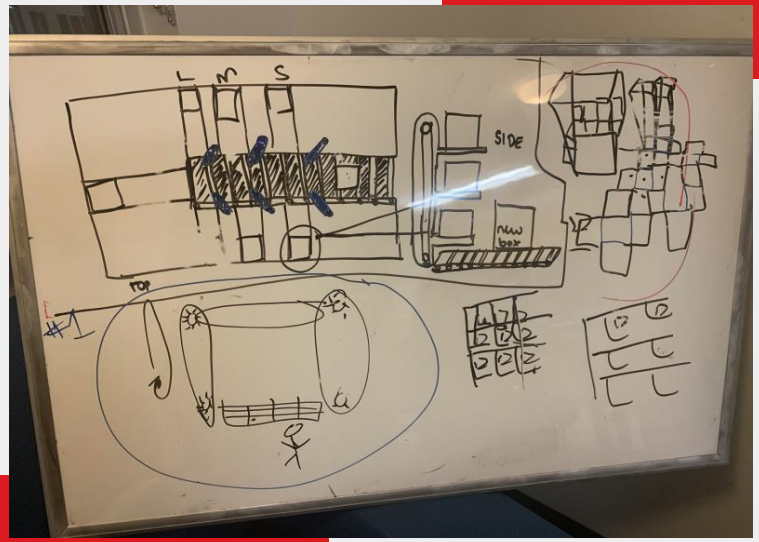
Design Process

We explored different types of solutions, such as:

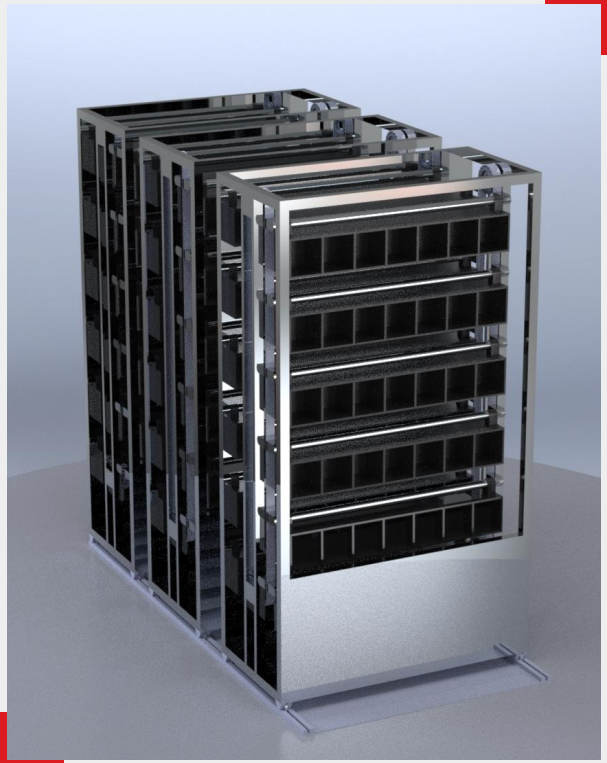
- Conveyor belts
- Elevators
- Pushers
- Pulleys
- Numerous other systems and networks of storage

Our focus goals was balancing **Speed** and **Storage density**: e.g. more conveyor belts = less storage

Additionally, we needed to focus on **Money** spent per area of unit storage: e.g. # elevators/unit of storage



Storify



The Design

Dense storage system for compact warehouse storage in downtown Toronto

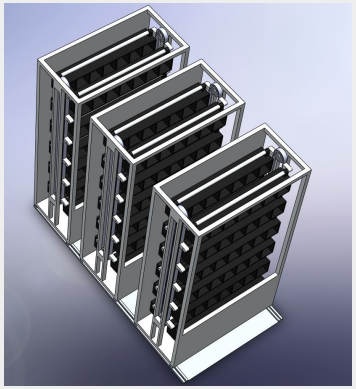
SAFE Multi level sorting system built to be fully autonomous and work with **App**

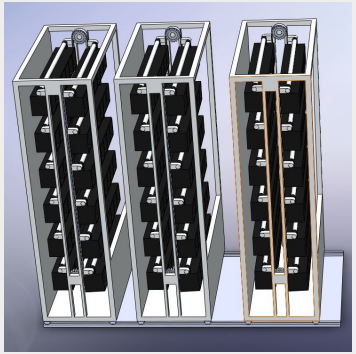
Shelves are built over a railway system for even more compact storage

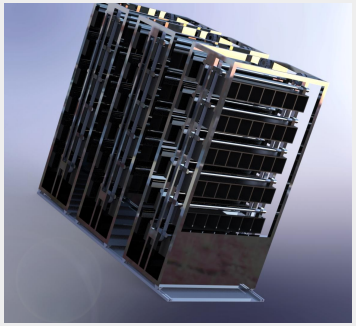
User sends a signal to a motor to **move the gears to the customer** and open their unique slot to hold or deliver their items, similar to IKEA

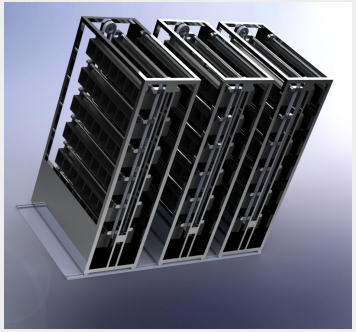
Storify

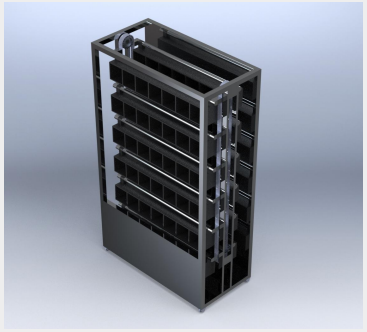
CAD & Rendered Images











Now for the software component of our project

Storify Web UI

Here’s what you would do if you were a customer...

Storify App

localhost:3000

Storify

Book $19.99

The intelligent investor

Water Bottle $5.00

Durable and reusable water bottle

Zebra MC33xx Series Mobile Computer $299.99

Power your business with Android

Zebra ET8x Series $499.99

2-in-1 tablet for rugged mobility

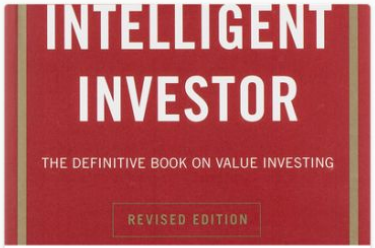
Storify

Storify App

localhost:3000/cart

Storify

Your Shopping Cart



Book $39.98

- 2 + REMOVE

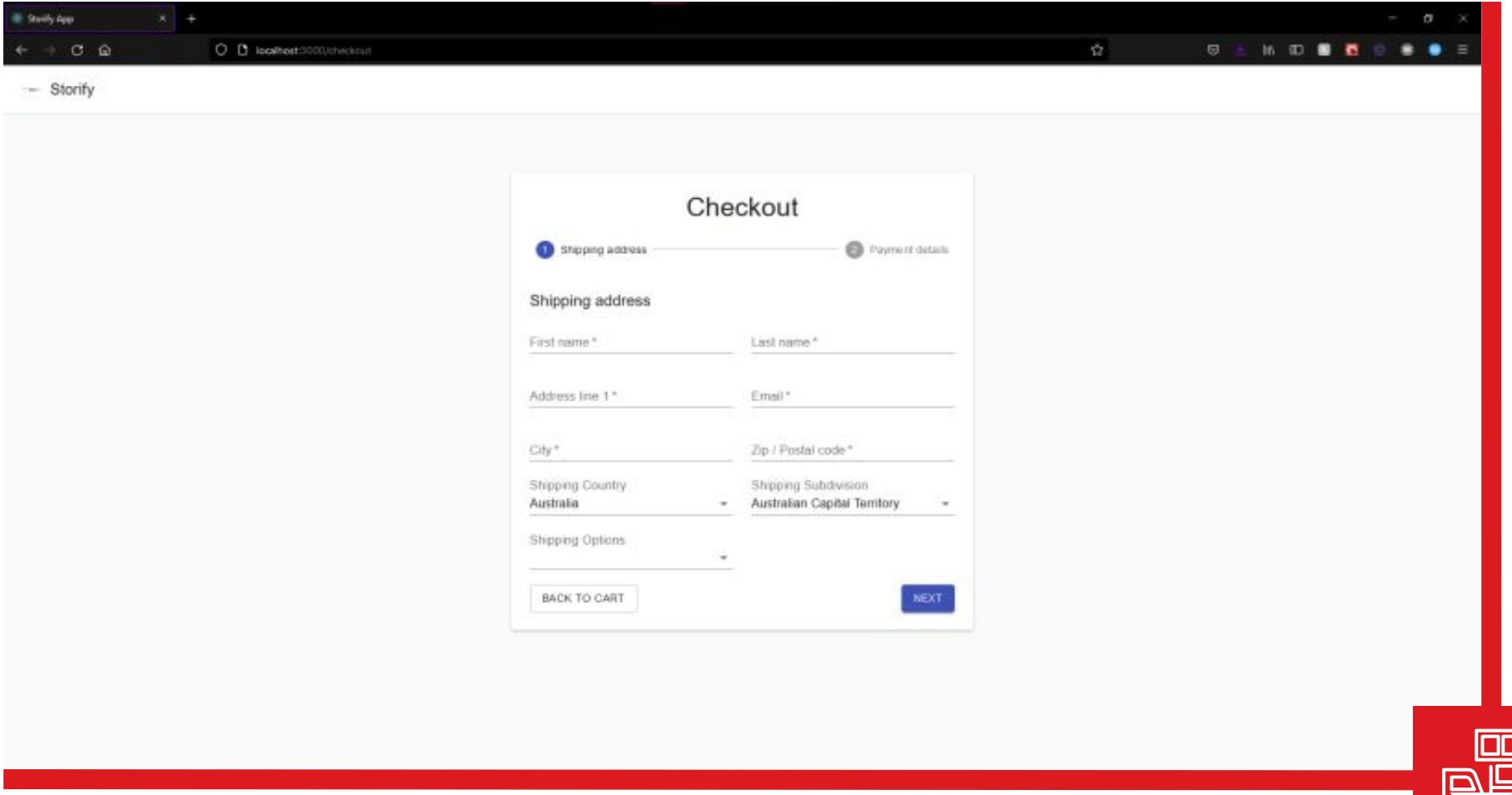
Water Bottle $10.00

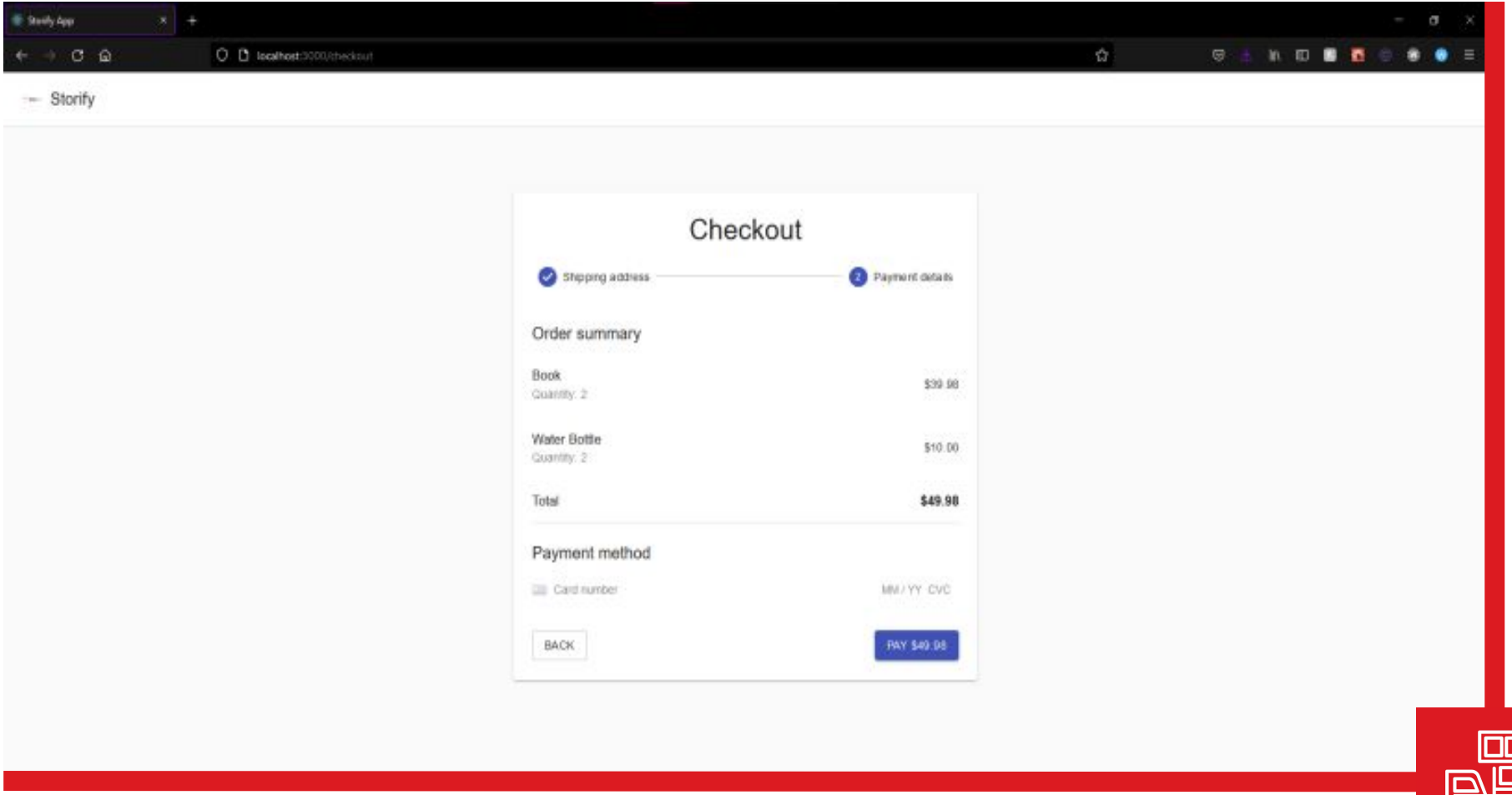
- 2 + REMOVE

Subtotal: $49.98

EMPTY CART CHECKOUT

Storify


Storify
Checkout
1 Shipping address
2 Payment details
Shipping address
First name *
Last name *
Address line 1 *
Email *
City *
Zip / Postal code *
Shipping Country
Australia
Shipping Subdivision
Australian Capital Territory
Shipping Options
BACK TO CART
NEXT


Storify
Checkout
Shipping address
2
Payment details
Order summary
Book
Quantity: 2
$39.98
Water Bottle
Quantity: 2
$10.00
Total
$49.98
Payment method
Card number
MM / YY CVC
BACK
PAY $49.98

But what if you were on the other side?

An Employee

Here’s what that would look like...

Edit product

- Details
- Price
- Variants
- Images gallery
- Shipping options
- Digital delivery
- Extra fields
- SEO
- Misc

DETAILS

Name (required)
Book

SKU
Bin 1

Inventory available
0

MANAGED

WHAT IS THIS

Description
The Intelligent Investor

B I H1 H2 H3

PRICE

Price (required)
$19.99

PAY WHAT YOU WANT

Save changes

ACTIVE

CATEGORIES

Edit categories

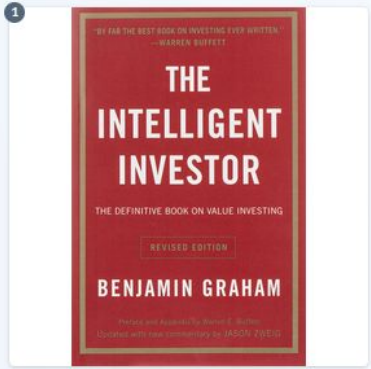
RELATED PRODUCTS

Choose related products

- Images gallery
- Shipping options
- Digital delivery
- Extra fields
- SEO
- Misc

Different types of this product (e.g. size, color)

IMAGES GALLERY



Upload image(s)

PNG, JPG & GIF ACCEPTED

SHIPPING OPTIONS

ENABLED

CATEGORIES

Edit categories

RELATED PRODUCTS

Choose related products

Details

Price

Variants

Images gallery

Shipping options

Digital delivery

Extra fields

SEO

Misc

SHIPPING OPTIONS

ENABLED

Domestic (United States)

US

ENABLED

Name	Base rate		On own	With others
Domestic	$0	+	$10	$0

International

Includes 11 countries

ENABLED

Name	Base rate		On own	With others
International	$10	+	$0	$0

DIGITAL DELIVERY

DISABLED

EXTRA FIELDS

+ ADD

Save changes

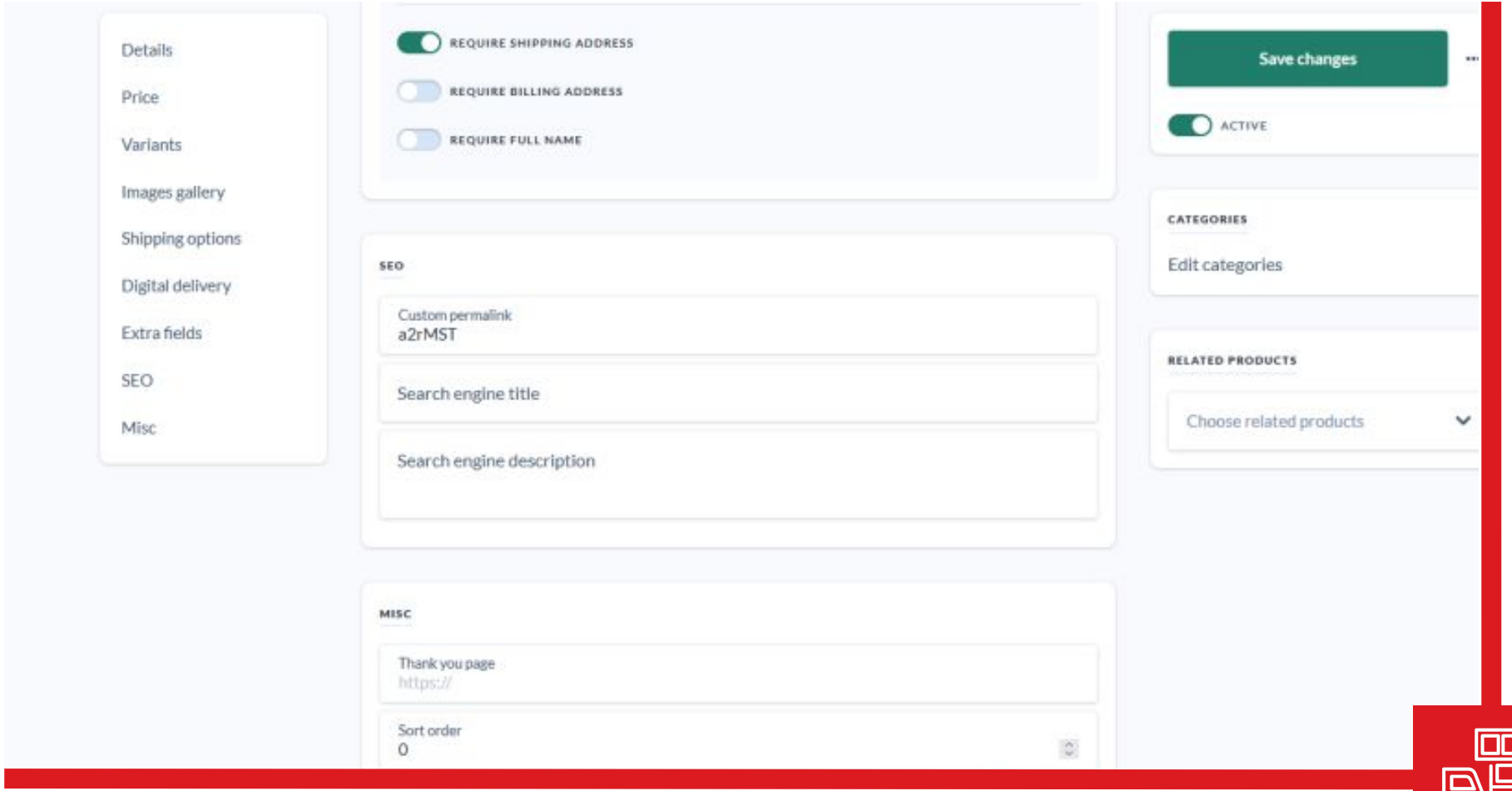
ACTIVE

CATEGORIES

Edit categories

RELATED PRODUCTS

Choose related products


Details
Price
Variants
Images gallery
Shipping options
Digital delivery
Extra fields
SEO
Misc
REQUIRE SHIPPING ADDRESS
REQUIRE BILLING ADDRESS
REQUIRE FULL NAME
SEO
Custom permalink
a2rMST
Search engine title
Search engine description
MISC
Thank you page
https://
Sort order
0
Save changes
ACTIVE
CATEGORIES
Edit categories
RELATED PRODUCTS
Choose related products

The Team

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