

# Project: Shop

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# Preparations

- 1 – Pull/Clone the latest [github.com/foobaroo/devugees8](https://github.com/foobaroo/devugees8) repository.
- 2 – There, copy the folder `/javascript/projects/shop` into your local Desktop/shop (for example)
- 3 – step into your local Desktop/imagegallery and run **npm install**
- 4 – after the node moduls have been installed, run **node server.js**
- 5 – Go to your browser and open `http://localhost:3000` , there you should see an empty website
- 6 – Therefore, go into the public/ folder and take a look at the `index.html` and `styles.css` – These are the files that you need to work with

# Task 1

Implement the responsive design as visualized in the following slides with example images of your choice. If you want, you can use Bootstrap.

- Each image is 350x200 pixels in thumbnail mode
- When the user clicks on a product, a detail page will be loaded
  - Including an „Add-to-Cart“ button under the product image and an description text

# MediaShop

All | Books | Movies | Music

Cart

<div>Product IMAGE</div> <div>100 €</div>	<div>Product IMAGE</div> <div>100 €</div>	<div>Product IMAGE</div> <div>100 €</div>	<div>Product IMAGE</div> <div>100 €</div>
<div>Product IMAGE</div> <div>100 €</div>	<div>Product IMAGE</div> <div>100 €</div>	<div>Product IMAGE</div> <div>100 €</div>	<div>Product IMAGE</div> <div>100 €</div>

# MediaShop

All | Books | Movies | Music

Cart

Product  
IMAGE

**Product Name**

Lorem ipsum dolor sit amet, consetetur  
sadipscing elitr, sed diam nonumy eirmod  
tempor invidunt ut labore et dolore magna  
aliquyam erat, sed diam voluptua.

Quantity:  100€

Add to Cart

# MediaShop

All | Books | Movies | Music

Cart

Product  
IMAGE

2 x **Product Name:**

150€

Remove

Product  
IMAGE

2 x **Product Name:**

300€

Remove

Product  
IMAGE

2 x **Product Name:**

50€

Remove

---

Total: 500€

Buy Now

# MediaShop

All | Books | Movies | Music

Cart

Thanks for your purchase!

# MediaShop

Books | Movies | Music

Product  
IMAGE

100 €

Product  
IMAGE

100 €

Product  
IMAGE

100 €

Product  
IMAGE

100 €



# MediaShop

Books | Movies | Music



100€

Add to Cart

Lorem ipsum dolor sit  
amet, consetetur  
sadipscing elitr, sed  
diam nonumy eirmod  
tempor invidunt ut  
labore et dolore vero

# MediaShop

Books | Movies | Music



2 x **Product Name:** 150€

Remove



Total: **150€**

Buy Now

# MediaShop

Books | Movies | Music

Thanks for your  
purchase!

# Task 2

Test the following API endpoints with Postman or your browser.

- a) GET <http://localhost:3000/products>
- b) GET <http://localhost:3000/products?category=Movies>
- b) POST <http://localhost:3000/order>

1 - Analyze what you get as response.

2 – Extend your application to

- load all product information using a)
- load all products having a certain category using b)
- Place an order using c)

# Hints

- Take a look at
  - [Stoppropagation.html](#) – about the propagation of events and how to control it
  - [Delegateexample.html](#) – delegation of click events for dynamic added elements to the DOM tree