

Project: Shop

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Preparations

- 1 – Pull/Clone the latest 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
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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