Project: Shop

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Preparations

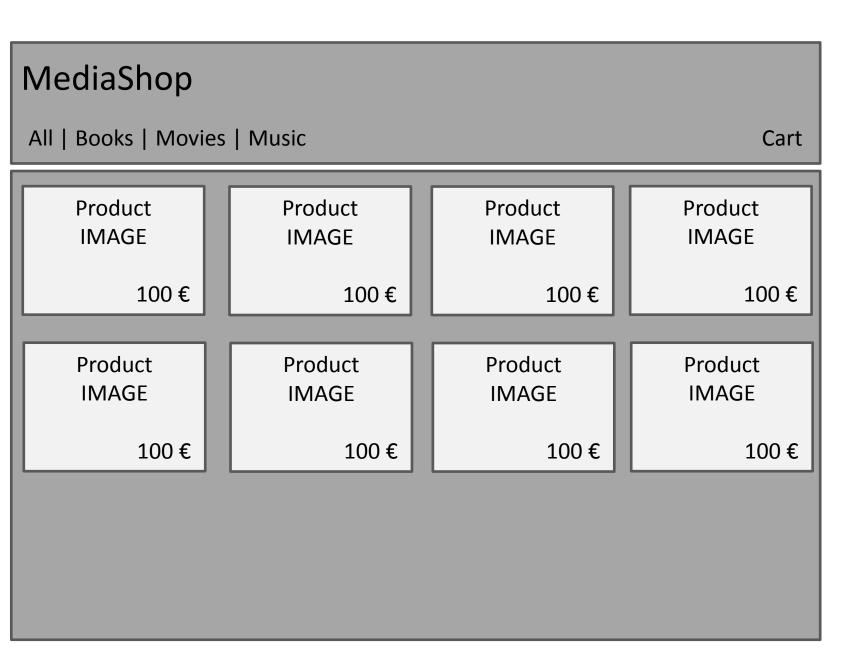
- 1 Pull/Clone the latest github.com/foobaroo/devugees8 repository.
- 2 There, copy the folder /javascript/projects/shop into your local Desktop/shop (for example)
- 3 step into your local Desktop/imagegallery and run **npm install**
- 4 after the node moduls have been installed, run **node** server.js
- 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

Starting Page: Desktop



MediaShop

All | Books | Movies | Music

Cart

Product IMAGE

Product Name

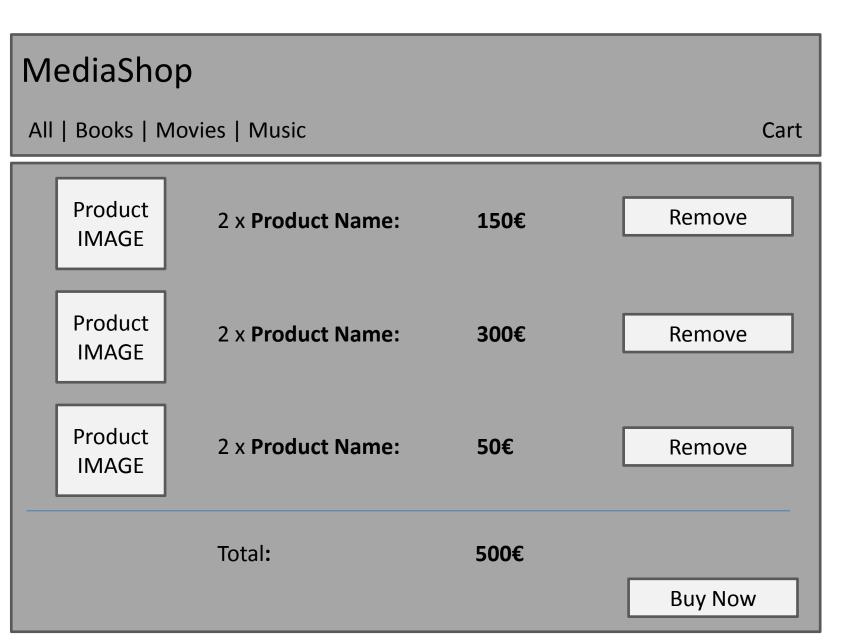
Lorem ipsum dolor sit amet, consetetur sadipscing elitr, sed diam nonumy eirmod tempor invidunt ut labore et dolore magna aliquyam erat, sed diam voluptua.

Quantity:

2

100€

Add to Cart



MediaShop

All | Books | Movies | Music

Cart

Thanks for your purchase!

Starting Page: Desktop



MediaShop

Books | Movies | Music

Product IMAGE

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

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