# MFD Mini-Project

## Requirements

Web Development EAL
Fall 2017

# Mandatory task

— — —

1. Each student has to create a website prototype of the provided E-Commerce PSD file located on Fronter. This is an <u>individual</u> project.

2. Each student has to write a report, explaining the technologies and tools used, and detailing the development process
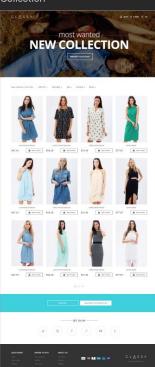
*Hand-in via wiseflow:*
*Deadline 8 September 2017 13:00*
*(no handin = no exam)*

**HANDIN**

- Report as PDF

- Prototype Source Code as ZIP

  *(Do NOT include the node_modules*

  *folder!)*

- URL to demo site on public server

- URL to accessible repository

Homepage

Collection

Product

# Prototype requirements

— — —

**Required pages that need to be in prototype**

1. **Homepage**

2. **Collection Page**

3. **Product page**

4. **Contact page**
   (No sending functionality but the <u>validation</u> needs to be implemented with Angular)

**Functionality completed with Angular:**

- Load product information (Homepage, collection and product page)

- Contact form validation

- Implement routing between pages

**Technologies & tools that have to be used in your prototype**

- HTML5

- SASS (Mixins, Variables, etc)

- BEM Naming Conventions

- CSS3 Flexbox or/and CSS3 Grid Layout

- Angular - Version 4

- Slider (homepage) and tabs (product page) functional

- Responsive Site (Desktop and Mobile)

- Version control

# Report requirements

— — —

Project report should include the following contents

1. Problem statement

2. Technologies & Tools used

3. Implementation process

4. Conclusion

3 - 6 standard pages (2400 characters per page including spaces and footnotes)

# Notes to provided PSD

— — —

- The font used is Open Sans (Google font)
  (If you find any other replace them with above)

- Remember rollover states for buttons and links (e.g. color change)

- Make all obvious text links tags e.g. in the footer <a href="#">About us</a>

- The design uses a 12 columns
  You can see the grid in the photoshop file (View > Show > Guides)

- The dynamic text can/should be replaced by you. e.g you can make up the footer navigation items, product description, etc.

- You can use different product images (or the same product image for all)

- Happy coding …

**Mobile version**

There is no design for the mobile version. Decide on the best way of how display on smartphone devices.

# MFD Exam

— — —

Exam Date: 13 September 2017

The structure of the exam is as follows:

- **10 minutes student presentation**
  Either overview of technologies/tools/process used OR
  in-depth presentation of on specific technology used in project

- **15 minutes** questions to project and pensum
  Bring your laptop, have your prototype ready to explain (browser and _source files_)

- **5 minutes** evaluation and feedback