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Pizza Store Application

For developers, ability to quickly prototype their ideas. Web technology is amazing tool for such task. In this assignment students will practice their responsive design skills building a mobile-friendly web application. It is an introductory assignment focused on HTML and CSS. Ideas and concepts learned in this assignment will be used and extended later in the group project.

Assignment 1

MAPD112 Web Technologies for Mobile Platforms

Due date: October 6, 2017

Weight: 15%

# Introduction

For developers, ability to quickly prototype their ideas. Web technology is amazing tool for such task. In this assignment students will practice their responsive design skills building a web version of a Pizza Store Application. It is an introductory assignment focused on HTML and CSS. Ideas and concepts learned in this assignment will be used and extended later in the group project.

# Specification and grading scheme

**Total:** 160 points (15%)

1. Your design should support 3 major sizes of the screen through media queries (*implementation: 15 points*):

* desktop with width over 1200px, (*5 points*)
* tablets: 800-1300px, and (*5 points*)
* phones: width below 799px. (*5 points*)

1. It should also support minor steps to allow for fluid scaling. E.g., minor adjustments of the font size, margins etc. (*implementation: 10 points, design: 10 points*)
2. Elements should use size (width, height, size) provided in relative/fluid units. Exceptions can be made, but have to be well motivated. (*5 points*)
3. All pages/screens should provide information according to SEO guidelines. (*10 points*)
4. Your solution should consist of 3 html pages/screens:

* **Menu** that contains following sections that will be presented differently on different sizes of the screen (overall design: *5 points*)
  + Header with the store name and logo (2 points)
    - Hide logo for smallest screen size (1 point)
  + Company slogan (2 points)
  + Product categories (links to Details screen) (Design: 10, Implementation: 10)
    - Should feature graphics and text
    - Should be visually appealing and responsive
* **Details screen** (overall design: *6 points*)
  + Allows for detail configuration of the selected product
    - Think Ikea or Pizza ordering. You have to have at least 3 properties that can be modified (10 points)
    - Button to confirm the selection and go to Order screen (*3 points*)
    - Button to cancel selection and go back to the Menu screen (*3 points*)
* **Order screen** (overall design: *5 points*)
  + Summary of the selected items and configurations (*5 points*)
  + For to provide order details (*15 points*)
    - Name
    - Delivery address
    - Telephone no.
    - Credit card details
    - Submit button
    - Cancel button
* Order confirmation (overall design: *8 points*)
  + Confirmation text
  + Confirmation number
  + Transaction status
  + Price paid

1. Each HTML and CSS file should contain a header (comment in appropriate format) with the following information: (*20 points*)
   1. Your name
   2. Student number
   3. File description
   4. File version
2. Solution should be published to a server. You can use your Azure account or any other service of your liking. Publish it before the deadline and a link to the solution should be submitted on e.centenninal.