### **Web shop Project Specifications**

The project is creating a web shop.

The web shop´s shopping cart and the views displaying all the products, should take place in a single page, without reloading (using AJAX through AngularJS).

The user should be able to login and be authorized using Identity classes, for shopping history.

There shall be an **admin** interface to be able to edit:

**products**

**users**

**orders**

**etc...**

#### **Required Features:**

1• Ability to create Users

2• Ability to create Products

3• Showing products – Listing product name, price and description

4• Handling orders - allowing users to place them

5• Handling orders - allowing admins to change them or delete them, etc…

6• A shopping cart - ability to go to cashier

7• A shopping cart - ability to print out a receipt

8• Shopping history in the User’s management page

#### **Optional:**

• Display pictures of all the products

• Order verification sent by e-mail to User

#### **Code Requirements:**

• Use of AJAX through AngularJS to make sure that the web shop can be used without

ever reloading the page.

• Use of Partial Views both with and without AJAX.

• Bootstrap for the menus and overall site.

• Your own custom CSS classes, in addition to customizing bootstrap.

• ASP Identity implemented, with own management and admin pages.

• Use of roles and authorization.

• Database for the web shop logic.

#### **Reminders:**

Manage time carefully:

Don’t go into too much detail too quickly

Make sure you have a functional base covering all the requirements and then expand.

Please look at http://www.dustinhome.se for inspiration.

#### **Subjects Covered:**

• ASP.NET MVC, Razor and C#

• JavaScript, JQuery and AngularJS

• HTML, CSS and Bootstrap

• Entity Framework and Database Management

• Source Controls

• Project Management