### **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 and edit Users

2• Ability to create and edit 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, 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

#### **Resources:**

Remember to manage your 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.dustin.com 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