### **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**

#### **Required Features:**

1• Ability to create User account by user.

2• Ability to create Products by Admin.

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

4• Handling orders - allowing users to place them.

5• Handling orders - allowing Admin to change quantity, add new item or delete item.

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.

• Sort items by categories.

• Statistics of orders made.

#### **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

Arbetsordning GitHub:

1. GH-Desktop: På morgonen - Skapa en ny sidogren (Create new branch).

2. GH-Desktop: Under dagen - Gör alla ändringar i projektet i den nya sidogrenen.  
3. GH-Desktop: Vid arbetsdagens slut - Spara dagens ändringar genom att göra en ’Commit’.

4. GH-Desktop: Vid arbetsdagens slut - Skapa en ’Pull request’.

5. **GH-Webb:** Nästa morgon - Gör en ’Merge pullrequest’, bekräfta (Confirm merge) och ta sedan bort sidogrenen.

6. GH-Desktop: Synka master.

7. GH-Desktop: Klicka på knappen ’Update from master’.

6. GH-Desktop: Ta bort den hopslagna sidogrenen (Delete ’branch’ - only local).

7. GH-Desktop: Börja om med punkt 1.