**ECT 330**

**Project Requirements – Subject to minor changes**

**Due 3/13/2016 – 11:59pm**

**Presentations: 3/14/2016 at 5:45pm**

Winter 2016

100 Points

**Summary**

Create an online store. The following represents the minimum requirements.

~~1) Store must have a splash page, can display products. (Roberto)~~

~~2) Every Page must have a disclaimer at the bottom stating this site is for educational purposes only and the data is not secure. Recommend you place this in a Master Page. (Roberto)~~

~~3) Must have at least 10 items for sale. Items must have an associated picture. (Roberto)/(Karen)~~

~~4) All images used must be fair use images. (They are)~~

~~5) Must be able to register new customers. (Karen)/(Alex)~~

~~6) Must allow customers to login. (Alex)~~

**7) Must show Customer Order History. Customers can only see their own order history. (Alex)..?**

**8) Must track inventory (you don’t need to provide a web page to manage this). Example: If you have 5 widgets in inventory, after the user completes a purchase of one you should only have 4 remaining. (Karen)…?**

**9) Must use a shopping cart as part of a checkout process. The cart must persist across user sessions. Cookies or database can be used to save the contents of the cart. (Alex)**

~~10) All product views, inventory etc. must be database driven. (Karen)~~

**11) Passwords must be hashed using supplied code (Will go over in February). (Karen)**

**12) User must supply separate shipping and billing addresses. Allowed Payment types Check or COD. (Karen)/(Alex)**

13) OPTIONAL: If you want to also give a credit card option, you must use the supplied credit gateway to process “credit card payment”. (Will go over in February). Will count toward creativity points.

**Final Project Presentation**

Each group much give **at least** a 10 minute presentation including, but not limited to the following content:

1. Walkthrough of the application including registering a user and the checkout process.

[whoever is in class this day]

1. Discuss how you implemented the course cart and registration process (code level discussion) (Alex)

[each in their own presentation]

3) Go over your database design (Karen)

4) Each team member should discuss what their contributions to the project were

5) Discuss any challenges you faced putting together the application (Roberto)/(Karen)/ (Alex)

[see txt document to add your own input]

At the very least, online students must submit a PowerPoint that there in class counterpart can go over on their behalf detailing some parts of the application and their contributions. Online students are **\*strongly encouraged\*** to participate in class, live via skype or by calling in, record a video to be played in class or arrange other means with the instructor by 2/15/2016.

**Grading Breakdown**

 10 Points: Creativity – Attention to detail, standout features etc.

 10 Points: Look/Feel/Flow of the application. Main focus is on how well the store items are presented, how intuitive the registration / check out process are etc. Will be looking for validation of form properties etc.

 10 Points: Final Presentation

 30 Points: Individual Team Member Contribution to project

 40 Points: Store Core Functionality (does application work, is it buggy etc.) and adherence to requirements above

**Submission Requirements**

Each group member must submit the following in a zip file in D2L:

1) Final code and database

2) All presentation materials including power points and videos(should be near final drafts)

3) A one page document describing your contribution to the project and how you thought your other team member(s) contributed.

Please place a link to your final project on ectweb2 in the submission details description.