**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.

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.

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).

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)

[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.