## Due Date: Monday the 23rd

## Overview

In Groups:

Utilize PHP to build a simple “shopping list” application. Your web site must implement the following requirements:

* Design a visually appeasing website with consistent formatting across all pages.
* It should be clear which page you are currently on. Your menu should illustrate your location in the site.
* Utilize a file based mechanism for storing/retrieving data.
* Apply file permissions working towards a better understanding of LAMP administration
* Implement a simple login system of your own creation.
* Allow the user to add items to their shopping list
* Allow the user to delete items from their list.
* Allow user to remove multiple items at once
* Somehow remember past purchases and allow for quick recall when re-entering.
* Have a bookmarkable mobile version of the site for using when at the grocery store
* Have an ingredients list page and a page for each item that link to google and bing search engines

## Learning Objectives

* Plan and implement cross-browser and cross-platform solutions.
* Apply a simple password based authentication scheme for 1 user
* Understand and utilise sessions across multiple site visits.
* Identify ways content can be created/refreshed automatically

## Assignment Evaluation

While the focus of the assignment should be on the functionality of the project, marks will be allocated for the look and feel of the site, the design of the flat files, and the design and documentation of your source code. In particular I will be evaluating:

* The functionality of the site
* The user experience (intuitive, self explanatory, help provided when needed)
* The css stylesheets
  + Only consists of elements that are used
  + Demonstrates understanding of CSS
* The Php/CSS code
  + Comments are included at the top of each method/function/class and woven into tricky aspects of the code
  + Code is self-documenting, utilizing consistent naming conventions (camelCase) and descriptive names for variables, class and methods.
  + Code design is elegant, modular, and of high quality.
* Generated content
  + How do you “create” pages for each food item.
  + What is the experience like for “non logged in users (like google crawlers)
    - They should be able to read about ingredients but not see shopping lists or histories.