

# Assignment 2 Guidance

## Task 1 – Design Plan (P5)

1. Produce a set of Users' requirements by using User Story template:

As a < **type of user** >, I want < **some goal** > so that < **some reason** >

2. Review accessibility standards and guidelines and their possible impact on design and aesthetics. Consideration should be given to the end-user needs in the form of a contextual user profile.
3. Produce **Use case diagrams** to describe users' behaviour on the system
4. Produce **wireframes** for each proposed page considering layout techniques, templates, dimensions and colour schemes to match User Stories
5. You will design an appropriate **site map** for the development and justify the type of structure adopted.

## Task 2 – Implementation (P6 – M4)

6. Implement and produce technical documentation describing, in technical language, how all of the features of the system were created, (appropriate use of annotated screen shots and sample source code (HTML5/CSS3 and JavaScript/PHP) should be used). Produce screenshots of the webpages as displayed in the browser (in color), including all source code, suitably commented to be provided as appendices (HTML 5, CSS 3 and JavaScript/PHP). Critically evaluate your work analyzing any technical qualities and challenges.
7. The website should include at least following pages:
  - A Landing page
  - A Login page
  - A Register page
  - A Profile page
  - A My Cart Page
8. The website should have following features:
  - To get **PASS**: Perform CRUD actions (Create / Read / Update / Delete) with PHP and MySQL such as:
    - Search product items by Name
    - Create / Delete / Update Order
    - Add product items to Order
  - To get **Merit**: Registering a new User, Login with email and password (use Session or Cookie)
  - To get **Distinction**: Authorization for Admin / User, Admin confirms Order
9. Compare your website to your original designs and draw conclusions.

## Task 3 – Testing (P7 – M5)

10. Produce a test plan (QA) and procedures displaying thorough testing of the design. The test plan should test the functional and non-functional requirements, browser compatibility, platform testing, script testing and valid code. The test plan must reference appropriate screen shots.

## Task 4 – Presentation (P6)

11. You will present the website to the Lecturer so you can receive his/her feedbacks, verifications and validations

# Report Structure

## Chapter 1 – Design Plan

- 1.1 Users' Requirements
- 1.2 Review accessibility standards and guidelines
- 1.3 Use cases diagram
- 1.4 Wireframes
- 1.5 Sitemap

## Chapter 2 – Implementation

- 2.1 Source code Samples of the Website
- 2.2 Screenshots of Final website with explanation
- 2.3 Compare the website to the original designs and draw conclusions

## Chapter 3 – Testing

- 3.1 Test cases