*Programming Languages (Lab) – Website specification for project purpose only.*

*Allowed PL to use: PHP*

*Out of Scope (Students has free will to do their own strategy)*

* *Database and data structure*
* *Use of any IDE: Netbeans, Eclipse, Visual Studios, etc…*
* *Usage of open source – frontend framework*

**SUMMARY:**

This website specification outlines the development of a customer and admin portal. The customer section includes pages for registration, login, and a homepage that provides an overview of services. Customers can view their order status, browse products, review their pre-checkout items, and confirm their orders. The admin section allows for order management, including confirming or rejecting orders. The site will feature a consistent layout with corporate colors and a navigation bar linking to key pages.

1. **OVERVIEW OF THE WEBSITE REQUIREMENTS**

Our new site will perform the following function for our business:

**"We want people to find our products by searching the web. The site will provide detailed information about the products and enable visitors to make on-line purchases."**

1. **LIST OF PAGES**
2. **Registration page**

*Fields:*

1. First Name
2. Last Name
3. Email Address
4. Username
5. Password

*Functionality:*

1. Upon submit must be able to save to database:
2. Must be able to assign random customer number \*Primary key
3. User must not be able to use an existing username in database

Bonus requirement (OPTIONAL)

OTP functionality via email or SMS for verification

1. **Login page**

Fields:

* 1. Username
  2. Password

Functionality:

1. Error message will popup/display for wrong credentials
2. Forgot password
   1. Enter username, if username exist, go to input new password
   2. Else, display username did not exist
3. **Homepage**

**Customer Account**

* 1. The home page will give visitors an overview of our services
  2. Order Status

Display only:

* + 1. Order number
    2. Order Details
    3. Order date
    4. Order status

3. List of Products in list view 10 per page

3.1 Each product page will have a link that will allow visitors to place an order/add to cart

3.2 User should be able to remove item/s from cart

4. Pre-checkout review

4.1 Should be able to display ordered products

4.2 Estimated delivery date = current date (system date) + 3 days

4.3 Submit button to save in database and assign status = `Pending Order`

5. Checkout confirmation

5.1 Must be able to assign random order number in database

6. Bonus requirement (OPTIONAL)

6.1 User can cancel an order as long as status = `Pending Order`

6.2 Product list filtering and sorting

6.3 Send email or SMS notification once order is confirmed

6.4 Estimated Delivery date will only compute weekdays and will exclude weekends on the counting

**Admin Account**

Username: admin

Password: admin

1. Will be able to see order details and should be able to confirm customer order
   1. Confirm – will change status to confirmed
   2. Reject – will set status to cancelled order
2. Bonus requirements (OPTIONAL)
   1. Can add/edit/product – should reflect in the customer view
3. **STYLE AND LAYOUT**
   1. **Overall layout**

The site style should incorporate our corporate colours and logo.

* 1. **Navigation**

A common navigation bar should be included on all pages. The navigation bar will include links to the home page, products list, order status, cart (optional)

* 1. **Bonus Requirement (OPTIONAL)**

Chatbot functionality

About Us

Contact Us

**Grading Rubric:**

Technicality (50%)

* Student was able to display and showcase their knowledge in coding using PHP following the requirements in the specification
* Proper integration of PHP to the front-end framework (HTML, CSS, Javascript)

Creativity (40%)

* The design must be consistent in the whole website. Each page must be predictable and look similar to each of the other pages in color, text format, and/ or some familiar layout.
* Good websites are well organized. Their content is presented in a clear manner that is easy to follow. You should ensure that the readers get around your website with ease. Blocks of text and images must be of appropriate size.

Collaboration (10%)

* Each team member should give an individual grade on his/her groupmates in terms of cooperation and helpfulness from brainstorming up until project presentation.