Surf’n’buy |the pinnacle of largest online store

Project description

by Alexander Htike

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| Version no. | Author | role | date |
| version 1.0 | Aung ko alexander htike | team member | 3 nov 2017 |

# Introduction

This document describes project description of the Fictitious Online Trading Company which is called “Surf’n’Buy”, the slogan “Pinnacle of Largest Online Store”. It is including goals and objectives, success criteria, functional specification and technical requirements for the whole web application, work break down structure and design concept etc.

Surf’n’Buy is the largest sales and production vendors for Mobile phones, Tablets and Laptops. It will be launched the online shopping cart web application to buy reasonable price of good quality products and safe and secure check out to expand the company profit in 2017. In addition, the company aimed to achieve world-wide customers and repeat orders.

# Project Goals and Objectives

* To achieve users (occasional visitors, registered customers and company staff) to search the products by keywords or by the catalogue through the web application.
* To make paper less register of the existing customers and staffs member to access the process efficiently and in time & cost effectively.
* To maintain the stock quantity of all the products that company selling on the web application and update information about the stock on overall company product vendors.
* To provide privilege to customers on purchasing products in one click and easy to trackable.

# Project Success Criteria

1. The users/occasional visitors/customers/staffs can be able to search the products through the database by typing keywords or by choosing catalogue (product category).
2. The users/customers/staffs can be able to log-in and create account through the Register form and then log-In to the application via Log-In form.
3. The customers can then be able to purchase order through the web application and display status of total order had been made.
4. The staffs can then be able to modify, add, delete products and update information on the company products database.
5. The authentication process must be able to determine level of access and must privilege to all users with certain features.

# Functional Specification

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| --- | --- |
| Web Pages | Features/Functionalities |
| Landing /home Page(index) | * Header container –including navigation links. * Search input field – users can input text/keywords * Search input button – submit the search * Refresh button – refresh the products list. * Catalogue/category links – browse for catalogue. * Products grid – including View link and order button. * Last Search Entry – displaying user’s last search entry. |
| Log-In Form page | * Input Username field – user input name * Input Password field – user input password * Submit sign-in button – submit to enter into user’s account. |
| Register form Page | * Input Username field – user input name * Input password field – user input password * Input address field – user input address * Input email address field – user input email * Input phone number field – user input phone number. * Submit Register button –user submit to register in the system. |
| Member page | * Personal information form to edit- displaying user’s information table with edit button * Edit page control to modify and update related information. – user can modify and edit their own personal information with this form fields and it will then alter the database table. |
| Staff Page | * Add product form - * Remove product dropdown list * Member table * Staff table |
| About Page | * About the company content |
| Site Map | * Link to all the page in the footer section |
| Navigation | * Home * About * Log in * Register |

# Technical Requirements

The Technical requirement for this fictitious online market store Surf’n’Buy will be using Front-End Development which is HTML5, CSS3, Java Script and Back-End development with PHP server-side scripting language with also MySQL database. The project development team will be using GitHub as a version history of code collaboration between the team members.

The web application will be testing on client-side browser and for server-side script which will be testing on ceto server. The complete web application will also be established on ceto server.

# Work Breakdown Structure

# Concept

## Determine audience

## Determine content

Web Pages content

* Home Page(Landing Page) –display search facilities and products list on the main page.
* About Page – company information
* Log-In page - a form to fetch login credential from user’s input.
* Register Page – a from to register credential from user’s input.

Products content

* Product Images
* Product Name
* Product descriptions
* Product Quantity
* Unit Price
* Category/Catalogue Name – Mobile, Tablet, Laptop

Users content(membership)

* Username
* Password
* Rank
* Address
* Phone
* Email
* Last session – to catch the last logging.

## Determine Database content

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# Meet the Team

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| --- | --- | --- | --- |
| Student Number | Name | Project repository(GitHub) | Role |
| 33149316 | Aung Ko Alexander Htike | <https://github.com/AJHtike/OnlineStoreProject> | Full-stack Web developer |
| 33067707 | Tien Dat Ho | <https://github.com/AJHtike/OnlineStoreProject>  <https://github.com/mrho225/Uni-Project-Online-Store> (partial repository) | Full-stack Web developer |