420-WE6-AB WEB DEVELOPMENT I

We’ar Family

**Final Project with php and Laravel Framework**

By

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Our team has decided to take the project to develop an e-commence application through php and Laravel framework with MVC structure.

## E-commence

E-commerce is the activity of electronically buying or selling products on online services or over the Internet. It uses technologies such as online shopping, online transaction processing, inventory management systems, and built-in security. E-commerce is in turn driven by technological advances and is the largest sector of the electronics industry.

## Description about our webpage

Our goal is to build an online shopping platform for families, where the target customers are family members who are on the lookout for high-quality clothes’ sets for their children, themselves and families.

* Functional requirement:

The application should allow 2 types of users to access:

1. Product owner or admin
2. Users/customers.

Admin should be able to edit the information of the company.

Admin should be able to add different clothes (including other attributes like colors and sizes).

Admin should be able to see all orders and update their status.

Users should be able to add available items to the cart, where the cart can be implemented using sessions to store the value temporarily).

Users also need to be able to enter the checkout information (credit card information) and shipping details (first name, last name, address etc.).

Users can see the order they have placed after logging in and check the status of the orders.

* Non-functional requirement:

Consistent style of webpage design. In our case, we used bootstrap to enhance the style of the webpages and make them all responsively.

UI(JavaScript) is used to realize some of the webpage functions like carousel and “go to top” buttons.

This application addresses the security concerns with assigning different privileges to the admin and users.

## ER diagram

Diagram

Description automatically generated

## User routes table / usage (web.php)

|  |  |
| --- | --- |
| **Routes** | **Usage** |
| / | To log on to the home panel |
| /index | To log on to the home page |
| / category/{category} | To check a category of the clothes |
| / getSetsByFilter | To select the clothes sets by filters |
| /ensembles/{slug} | To search the product by the slug’s name |
| /addToCart | To add the product to the shopping cart |
| /cart | To view the detail in the cart |
| /delete/{id} | To delete the item in the cart by id |
| /addToOrder | To add the item to the order |
| /updateCart | To update the items in the cart |
| /home | To log on to the home page |
| /my-orders | To check the orders under the user’s account |
| /view-order/{id} | To view the order by id |
| /payment | To log on the payment page |
| /product | To check the product |

## Admin routes table / usage (routes.php)

|  |  |
| --- | --- |
| **Routes** | **Usage** |
| /admin | To log on to the admin panel |
| /admin/users | To add / view / modify a user of the website |
| /admin/sets | To add / view / modify a set of products |
| /admin/products | To add / view / modify a product |
| /admin/orders | To add / view / modify the orders |

## Students / job

|  |  |
| --- | --- |
| **Tasks** |  |
| We’ar Family home page | Designed and implemented by Vivien and Marcelo |
| Admin panel | Integrated by Vivien |
| Orders and sets page in admin panel | Implemented by Quynh Ly  Upload images functionality implemented by Vivien |
| Users and products page in admin panel | Implemented with dropdown boxes by Vivien |
| Filter on the front page | Filtered implemented with Ajax by Vivien |
| Product set page | Designed implemented by Xuan  Data gathered from DB implemented by Xuan and Quynh Ly  Add to cart validation, functionality and database manipulations implemented by Vivien |
| Shopping cart page | Design, submit order functionality and data manipulations implemented by Marcelo  Update quantity in shoppingsession db implemented by Vivien |
| Check out page | Design and validations done by Xuan  Database manipulation done by Marcelo |
| User orders summary and detail pages | Design and database manipulation done by Quynh Ly |
| Authentication to make sure users logon before going to order process. | Implemented by Vivien |

## Feedback (if available)