

**FPT ACADEMY INTERNATIONAL**

**FPT – APTECH COMPUTER EDUCATION**

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**Address: 590 Cach Mang Thang Tam , Ward 11, District 3, Ho Chi Minh City**

**E-commerce**

Design document

|  |  |  |  |
| --- | --- | --- | --- |
| **Supervisor** | | Lê Tuấn Xuyên | |
| **Batch** | | T1.202210.E1 | |
| **Group** | | 3 | |
| **Serial No.** | **Student Name** | | **Enrollment Number** |
| **1.** | Trần Anh Tiến | |  |
| **2.** | Vũ Hữu Tài | |  |
| **3.** | Trần Vĩnh Phát | |  |
| **4.** | Lê Viết Nguyễn Sơn | |  |
| **5.** | Trần Ngọc Anh | |  |

**August – 2023**

**This firstly report to make sure that**

**Mr. :**

**Trần Anh Tiến**

**Vũ Hữu Tài**

**Trần Vĩnh Phát**

**Lê Viết Nguyễn Sơn**

**Trần Ngọc Anh**

**Has successful design & developed:**

**Project: E-lectronix.com**

**Submitted by**: Trần Anh Tiến

**Date of issue**: August—2023

**Authorized Signature**:

**REVIEW 1**

**Introduction**

In this modern world nowadays, every source of information of technology and computer are now free to asset on many platforms, but thankfully to the Aptech’s course and instruction from Le Tuan Xuyen. We have the opportunity to develop the E-commerce website which is an website selling electric devices.

**For Ecommerce’s customer.**

- User-friendly web interface.

- View product information.

- Offer numerous of newest phones or laptops at affordable prices.

- Top selling items.

- Find the product easily by searching for its keywords.

- Pay online with Momo.

- Pay online with PayPal.

- Will receive an email by paying for any product on this website.

- Customers can comment below the product information if it has poor quality condition or somethings.

- Comment system provides customer report button if any comments contain bad words or bad attitude **,** the website allows customers to register, log in changes avatar images.

**For Ecommerce system’s Admin:**

* Manage to do the CRUD for images, colors, quantities etc. of the products.
* Admin can read the reported comments to decide if it is worth deleting,

- Admin can also post new events on discount products.

**Problem definition**

By the passionate of electrical devices such as smart phone, laptop, gaming PC, and order technology devices. We decided to create Ecommerce, during this development we found it struggling in some points.

1. Let the customer change their previous password.
2. Using ajax for comment system.
3. Often deal with bugs during coding.
4. How can manage files effectively.

## **CUSTOMER REQUIREMENT SPECIFICATION**

Business/Project Objective: Ecommerce is designed to order electrical devices.

**A. Functional Requirement:**

Input to the system:

Administrators need to provide:

REQ.1: Provide price, color, type for one product.

Customers need to provide:

REQ.1: Personal information to create an account.

Output of the system:

Administrators can:

REQ.1: Have an admin account to login in admin dashboard.

REQ.2: Mange orders (CRUD).

REQ.3: Mange user’s comments.

REQ.4: Manage order’s process.

**B. Non-functional Requirement:**

REQ.1: checkout email will be sent to the user’s email if user has made an order.

**SCOPE OF WORK**

The application must perform the following functions:

**Login:**

* There are 2 types of accounts in the applications (“Admin” and “user”). The administrator will login as “admin” on the website and the Customer will login as the “user”.

-> Two accounts must be logged in to use the app’s functionality:

Administrator: can manage the order process and CURD for products.

User: register a new account.

**Transport:**

**-** **When customers order online, the customer can take the product at the store or get it by**  **deliver.**

**Database:**

**-**  **Database contains the information about customer, order, reported comment, product.**

## **SYSTEM REQUIREMENT SPECIFICATION**

**Hardware:**

* + - 1. Web server:

|  |  |
| --- | --- |
| Processor | Intel Core i5 or higher. |
| Memory | 128 Megabytes of RAM or better. |
| Modem/ADSL | Connecting to internet 24/24 |

* + - 1. Client:

|  |  |
| --- | --- |
| Processor | Intel Core i3 or higher. |
| Memory | 128 Megabytes of RAM or better. |
| Modem/ADSL | Connecting to internet |

**Software:**

1. Web server:

|  |  |
| --- | --- |
| Operation System | Windows 7 or higher |
| Browser | Chrome version 35 or better |
| Database | MySQL |
| Software | Visual Studio Code |

2. Client:

|  |  |
| --- | --- |
| Operation System | Windows 7 or higher |
| Browser | Chrome version 35 or better |
| Database | MySQL |
| Software | VS Code |

**Technology:**

|  |  |
| --- | --- |
| Frontend | HTML5, CSS, Jquery 3.7.0 |
| Javascript 1.5 |
| Bootstrap 5 |
| Backend | PHP, Laravel |

# **TASK SHEET REVIEW 1**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Project Ref. No** | | **Project Title:** | **Activity Plan Prepared By:** | **Date of Preparation of Activity Plan:** | | | |
| **Sr.No** | **Task** | **Actual Start Date** | **Actual Days** | **Team Mate Names** | **Status** |
| 1 | Introduction and Problem Definition | E-lectronix.com | Trần Vĩnh Phát | 25/07/2023 | 1 | - Vũ Hữu Tài  - Trần Ngọc Anh  - Trần Anh Tiến  - Lê Viết Nguyễn Sơn | 100% |
| 2 | Customer Requirement Specification (CRS) | 25/07/2023 | 1 | 100% |
| 3 | Functional Requirement | 25/07/2023 | 1 | 100% |
| 4 | System Requirement Specification |
| 25/07/2023 | 1 | 100% |
| 5. | Scope Of Work | 12/06/2023 | 1 | 100% |