**TECHNICAL Documentation**

**E-Shop**

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# INTRODUCTION

## PURPOSE

It is an E-commerce Website that contains many products like Electronic devices and clothes, the user can buy products and search for categories that the website contains and buy them through the payment method available on the website.

## PROJECT SCOPE

The business to consumer aspect of product commerce (e-commerce) is the most visible business use of the World Wide Web. The primary goal of an e-commerce website is to sell goods online.

# DESCRIPTION

## PRODUCT PERSPECTIVE

This project is an e-commerce website for Online Product Sale. It provides the user with a catalog of different product available for purchase in the store. In order to facilitate online purchase a shopping cart is provided to the user. The user can search for the product and choose the appropriate product for him

## FEATURES

- Content management capabilities.

- Ease of selecting the product and adding it to the cart.

-An easy-to-use checkout.

-Multiple payment options (Credit card, Bank Transfer,etc..).

-Pictures of the product and choose the appropriate size.

## USER OVERVIEW

Displaying products in a clear way for the user to be able to purchase products by having product details and pictures in addition to the price.

**The system consist of :**

1.Components

-PC (personal computer)

-internet browser

-internet connection

2. Frontend

-End user: register , login , cart , home page, product page, checkout page, About us page.

-Admin : Dashboard page

3.Backend:

-PHP Laravel

-MYSQL

# System Requirements

## 

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| **FUNCTIONAL REQUIREMENTS** | User can signup or login to the website using email and password . |

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| --- | --- |
| **FUNCTIONAL REQUIREMENTS** | User can browse products in general without filter. |

|  |  |
| --- | --- |
| **FUNCTIONAL REQUIREMENTS** | User can choose the product, see its photos and specify the quantity they want. |

|  |  |
| --- | --- |
| **FUNCTIONAL REQUIREMENTS** | User can add the products he wants to buy to the cart and know the total price. |

|  |  |
| --- | --- |
| **FUNCTIONAL REQUIREMENTS** | User can pay using multiple payment method . |

|  |  |
| --- | --- |
| **FUNCTIONAL REQUIREMENTS** | User can search and filter a products |

|  |  |
| --- | --- |
| **FUNCTIONAL REQUIREMENTS** | The user can know the products purchased by clicking on the cart page. |

**Non Functional Requirements:**

-**Usability**

The system is simple enough for both new and experienced internet and web application users as it only needs the basics of interacting with a computer and an internet connection.

- **Reliability**

The system provides a reality-like experience that is rich of product details and simplicity.

-**Usability**

The user can easily and smoothly use the website.

**-Privacy**

The system does not collect any personal information and has no undesired access to the device’s applications

## 

**Use case diagram:**

**A close up of a logo

Description automatically generated**