**SYSTEM REQUIREMENT SPECIFICATION DOCUMENT FOR OPENCART APPLICATION**

**.INTRODUCTION**

**1.1 Purpose**

Electronic commerce enables customers to shop with more choice and do payment through online .

**1.2 Intended Audience and Reading Suggestions**

Describe the different types of reader that the document is intended for, such as developers, project managers, marketing staff, users, testers, and documentation writers. Describe what the rest of this SRS contains and how it is organized. Suggest a sequence for reading the document, beginning with the overview sections and proceeding through the sections that are most pertinent to each reader type.

**1.3 Product scope**

This E-commerce website allows people to buy physical goods, services, digital products and electronic products over the internet, a business can process orders, accept payments through online transaction as well as cash on delivery, manage shipping, provide customer service and logistics.

**2. OVERALL DESCRIPTION**

**2.1 PRODUCT PERSPECTIVE**

This is a demo website used for practice purpose. The product is open source under the GUN general public license. This website provides simple mechanism for users to get their requirement.

**2.2 Product Functions**

Summarize the major functions the product must perform or must let the user perform. This is an E-commerce website user can shop through online. User can search for different no. of. Products and place an order with no. of. Items.

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| --- |
| Open cart  application |
| Username/Mail-ID  Password  OTP |
| Browse()  Add to cart()  Cancel()  Payment() |



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| --- |
| **CAMERA**  Nikon  Canon |

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| --- |
| **LAPTOPS**  HP  MacBook  VAIO |

|  |
| --- |
| **TABLETS**  Samsung |

**2.3 USER CLASSES AND CHARACTERISTICS**

Identify the various user classes that you anticipate will use this product. User classes may be differentiated based on frequency of use, subset of product functions used, technical expertise, security or privilege levels, educational level, or experience.

**2.4 OPERATING ENVIRONMENT**

The software will operate by installing XAMMP 8 or above is required it’s a open source cross platform.

**2.5 USER DOCUMENTATION**

User documentation component such as user manual, online help and tutorials that will be deliver along with the software. Identify any user documentation deliver formats and standards.

**3. EXTERNAL INTERFACE REQUIREMENT**

**3.1 HARDWARE INTERFACE**

Describes the connection between logical and physical characteristics of each interface between the software product and the hardware component of the system. Here, operating system is the communication protocol. Specification of the hardware is 6GB RAM, i5 processor,11 Gen Intel Core.

**3.2 SOFTWARE INTERFACE**

Describes the connection between computer and computer programs. It is a type of software interface, offering a service to other pieces of software. The standard describes how to use such connection or interface is called Application Programming Interface specification. Require XAMMP 8 and above.

**3.3 COMMUNICATION INTERFACE**

Describes the requirement associates with any communication function required by this product such as email, web browser, network server communication protocol( google chrome 100 and above, Firefox, Microsoft Edge ). The standard communication protocol will be used like HTTP. Specify any communication security or encryption issues, data transfer and synchronization mechanism.