

Software Requirements Specifications

For

Big Store “Online Shopping”

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1. Introduction

1.1 Purpose

The purpose of this document is to present a detailed description of a Web application for online shopping system. It will explain the purpose and features of the application, the interfaces of the application, what the application will do, the constraints under which it must operate.

This document is intended for both the stakeholders and the developers of the system and shows the system constraints, interface, design of software, diagrams.

1.2 Product Scope

This application will be mainly a web application and also will be mobile.

This application will be designed to help people who prefer online shopping to make it easy to buy whatever they want without effort.

1.3 Definitions

Func. – Function

pro – product

UI – user interface

Admin – system administrator who has specific permissions for system managing and controlling

Guest – Any unlogged user

User – Pre-registered system users.

1.4 Reference

<https://www.jumia.com.eg/>

<https://egypt.souq.com/>

1.5 Overview

This system provides an easy solution for customers to buy the product without going to the market.

The next chapter is the Overall Description section of this document. It gives an overview of the functionality of the product. It describes the informal requirements and is used to establish a context for the technical requirements specification.

2. General Description

2.1 Product perspectives

The proposed system is a solution carry out buying products online.

2.2 Product functions

The system allows the user to buy products online across internet connection globally.

2.3 User characteristics

The system will be used in order products online. The Administrators, Users and Guests will be the main users. The system is also designed to be user-friendly. It uses a Graphical User Interface (GUI).

Admins

They are in charge to control and manage the system by adding, deleting and modifying products and categories, managing users.

Users

They are able to register, login and buy stuff via our website, browse different categories and view all items.

Guests

They are people who browse website and view items without registering and logging in.

2.4 General constraints

When the maximum number of the available user enter the system together

- The server is hacked
- The database is dropped

Any update in the patient number is to be recorded to have update

Operating Environment

Operating System

Our Web App is suitable for any OS because it will run on Browser not based on operating system

Software

This project will need Browser and Internet Connection

Platform

Any platform will be suitable but if it up will be better

Design and Implementation Constraints

Database

Will be relational database and SQL as a database management system.

Server side language

Will be PHP “MVC Native Code”

Design

Will use HTML5, CSS3, JavaScript (JQuery, Plugins and AngularJS).

2.5 Assumptions

- The system must be user-friendly
- The system should have more storage capacity
- The system should be easy to use
- The coding should be error free