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SELLING SITE

DENA ASAD

GhALIA SALEH

ALI ALMOHAMED

Submitted in partial fulfillment

Of the requirements of

CS 310 Software Engineering

<<Any comments inside double brackets such as these are *not* part of this SRS but are comments upon this SRS example to help the reader understand the point being made.

Refer to the SRS Template for details on the purpose and rules for each section of this document.

This work is based upon the submissions of the Spring 2004 CS 310. The students who submitted these team projects were dena,,galia,,ali >>

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**1.0. Introduction**

***1.1. Purpose***

The purpose of this document is to present a detailed description of the selling site. It will explain the purpose and features of the site, what the site will do, the constraints under which it must operate and how the site will react to external stimuli. This document is intended for both the stakeholders and the developers of the site.

***1.2. Scope of Project***

this sales site targets all segments of society,it cuts down time,mony,distances.

now selling sites have spread widely,because they have benefites and advantages that bring the interests of merchants and customers together to save mony on the merchant ,and allow him to display his goods in any part of the world throughout he year,and provide the needs of customers ,from through a selling site,it is an electronic platform where goods and merchandise are offerd at specified prices to the people who visit the site in order to complete the sale and purchase process .

***1.3. Glossary***

|  |  |  |
| --- | --- | --- |
| **Term** | | **Definition** |
| Database | | Collection of all the information monitored by this system. |
| Field | A cell within a form. | |
| Software Requirements Specification | A document that completely describes all of the functions of a proposed system and the constraints under which it must operate. For example, this document. | |

|  |  |
| --- | --- |
|  |  |
| electronic platform | the software for applications is a framework designed to contribute to the development of a dynamic web server |
| Merchandise | that are sold on the market to customers |

***1.4. References***

Desigen Patterns 1994,,,,,Software Engineering at Google 2020

The Art of Computer Programming 1968

Clean Code (ropert sesel....2008).

***1.5. Overview of Document***

The next chapter, the Overall Description section, of this document 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 in the next chapter.

The third chapter, Requirements Specification section, of this document is written primarily for the developers and describes in technical terms the details of the functionality of the product.

Both sections of the document describe the same software product in its entirety, but are intended for different audiences and thus use different language.

**2.0 Overall Description**

## 2.1 System Environment

*Sales System*

**Customer login**

**User**

**customer**

**giving information**

**A system for a commercial sales company that specializes in selling computers and accessories, and the sale is made to specific customers**

## 2.2 Functional Requirements Specification:

This section outlines the use cases for each of the active people in the system

### 

### 2.2.1 User Use Case:

user

Entry to the system

Customers management

**Brief Description:***The user receives the customer and deals with him by logging in and creating an invoice for him*

**Initial Step-By-Step Description:**

***1- The user receives the customer and requests his private information***

***2- Verifies that the customer is one of the company’s specific clients***

***3- After verifying a login for this customer***

***4- An invoice is created for the price of the products that the customer chooses to purchase***

***5- If there is a mistake in the bill or the customer withdraws from buying one of the products, another bill will arise***

***6- Log out of the customer after completion***

**7-The user adds, deletes, and displays a product to the customer**

### 2.2.2 Customer Use Case

Customer

Given information

**Brief Description:**

***The customer selects the products he or she wants to buy and pay for the user***

**Initial Step-By-Step Description:**

***1- The customer gives his private information to the user***

***2- Log in to the system***

***3- He chooses the products he wants to buy***

***4- Request an invoice from the user***

***5- Pay the bill***

**2.2.3 the relationship between the user and customer Use case:**

**customer**

**user**

## 2.3 User Characteristics:

**- The company sells all products for computers and**

**in the event of a new product it can be added**

**easily via (the product name, name and price).**

**-The invoice belongs to one customer and this customer can deal several times with the company by requesting the invoice from the user who specializes in forming the invoice and entering the system.**

**-Knowing that the invoice cannot be modified, and in case of an error, it will be deleted and reshaped**.

## 2.4 Non-Functional Requirements:

**-Providing flexibility and ease in dealing with application registration**

**- Fast execution of the request**

**- Accuracy in providing the available stocks of products**

**- Follow-up procedures for the stages of the request until the receipt of the products and the completion of the request**

# 3.0. Requirements Specification

## 3.1 External Interface Requirements

The customer must create an account on the site, in order to be able to purchase the products.

## 3.2 Functional Requirements

3.2.1 user:

|  |  |
| --- | --- |
| **Use Case Name** | User use case |
| **XRef** | Section 2.2.1, user |
| **Trigger** | The system makes sure that the customer's account is registered correctly |
| **Precondition** | The site is displayed on search networks |
| **Basic Path** | The system displays the list of products to the customer and their prices |
| **Exception Paths** | The customer may give up on displaying products at any time |

### 3.2.2 Customer

|  |  |
| --- | --- |
| **Use Case Name** | Customer use case |
| **XRef** | Section 2.2.2, Customer |
| **Trigger** | The customer chooses the products he wants |
| **Precondition** | The customer enters the contact page linked to the main page of the electronic magazine. |
| **Basic Path** | The customer calls the system email attachment |
| **Exception Paths** | The attempt may be abandoned at any time. |

## 3.3 Detailed Non-Functional Requirements

### 3.3.1 Logical Structure of the Data

**Review Data Entity**

|  |  |  |  |
| --- | --- | --- | --- |
| **Data Item** | **Type** | **Description** | **Comment** |
| Article | Pointer | Article entity |  |
| Reviewer | Pointer | Reviewer entity | Single reviewer |
| Date Sent | Date | Date sent to Site |  |

3.3.2 Security

The server on which the site is located will have its own security to prevent unauthorized access to.

The computer on which the site manager is located will have its own security. Only the site manager will be able to actually access the site and its data.

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site manager : He is the one who controls the whole site.

Functional Requirements: Essentially, the requirements are required.