

Contents

1	Introduction	2
1.1	Purpose	2
1.2	Document Conventions	2
1.3	Intended Use and Audience	2
1.4	Product Scope	2
1.5	Risk Definition	2
2	Overall Description	3
2.1	Product Perspective	3
2.2	Product Functions	3
2.3	User Classes and Characteristics	3
2.4	Operating Environment	3
2.5	Design and Implementation Constraints	4
2.6	User Documentation	4
2.7	Assumptions	4
3	Requirements	4
3.1	Functional Requirements	4
3.1.1	Administrator:	4
3.1.2	Customers:	4
3.1.3	Visitors:	5
3.2	Non-functional Requirements	5
3.2.1	Performance Requirements	5
3.3	Safety Requirements	5
3.4	Security Requirements	5
3.5	Error handling	5

Software Requirement Specification of Online Marketplace

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1 Introduction

1.1 Purpose

This document will show a detailed description of our software called "Online Marketplace". It will contain a step by step documentation of the software by which users and clients can buy any kind of stuff by staying at home.

1.2 Document Conventions

We will use appropriate text size for readers of all ages. Texts color will be eye soothing. There will be bordered layouts to make the reading convenient.

1.3 Intended Use and Audience

This document is mainly for the audience who is developing, designing, marketing and also wants to invest.

1.4 Product Scope

The main purpose of this software is to connect the people who has no time to do shopping or who has no time to travel two hour for buying a single product and also for those person who lives in rural area. Mostly looking at Dhaka city traffic problem basically for this traffic people lost interest to go outside for shopping or buy something that they need most. We let them know about the specification of a product and users can put their opinion.

1.5 Risk Definition

- Hacker hacked our database or site.
- Misuse of credit card details to steal money.

- Bad return and refund policies.
- Inadequate product details.
- Manipulated customer reviews.

2 Overall Description

2.1 Product Perspective

We find many people struggling with finding a suitable online shop. Many of us sometime didn't find the right product. Some of us searching some product in physical market and this is so hard for a 9 to 10 office person. Sometimes some product cost a lot.

2.2 Product Functions

There will be only one kind of users and organizer themselves. A organizer can upload photo , video and proper information of all product and reliable price tag. User can search product by category and product name.

2.3 User Classes and Characteristics

There will be one type of user:

- 1. Consumer.

Organizer also a kind of user cause they selling some products.

2.4 Operating Environment

Operation environment for the automated accommodation system is as listed below:

- Distributed Database.
- client/Server System.
- Database: sql database.
- Operating Systems: Widows, Linux, Ios.
- software: Any browser.(Google Chrome, Mozilla Firefox, Safari, Opera.
- Platform: php.

2.5 Design and Implementation Constraints

- The system design schema, fragmentation schema.
- SQL command for above queries.
- Implement the database at least using a centralized database management system.

2.6 User Documentation

- Integrated with email.
- Integrated with Facebook.
- Integrated with any authorized ID card.

2.7 Assumptions

Let us assume that users are used to with online payment system and online purchase functionalities. And also assume that they have at least an email or Facebook account.

3 Requirements

3.1 Functional Requirements

3.1.1 Administrator:

- Database Management: Control the database and keep track of all records of customers and employee details.
- Contact and Giving Permission to Membership Client: Contact with the Clients and give permission to access extra support.
- View all details: View the details of all employees and control the whole site.
- Advertising the Site: Responsible for making advertisements for the site.

3.1.2 Customers:

- Login: Customers must have a valid login id to enter into the site.
- Registration: New users can sign up by creating new ID.
- View and edit Own Details: Can view/edit his personal details, payment details, and details about services provided.
- Choosing and comparing products: Can view all available products and can compare them and make a choice for purchasing products.

- Purchasing: Can purchase any product through valid debit card.
- Giving Feedback to Customer Care: Can give feedback to the 24X7 Customer Care Service center about their impression for the site and services.
- Logout: Customer must logout of the site after purchasing products.

3.1.3 Visitors:

Visiting the Site: Can only visit the site without registration.

3.2 Non-functional Requirements

3.2.1 Performance Requirements

- The system shall accommodate high number of items and users without any fault.
- Responses to view information shall take no longer than 5 seconds to appear on the screen.

3.3 Safety Requirements

System shall not cause any harm to human users. We try to use eye soothing color and text, so that if someone stay a long time then their eye won't be affected anymore.

3.4 Security Requirements

- System will use secured database
- Normal users can just read information but they cannot edit or modify anything except their personal and some other information.
- System will have different types of users and every user has access constraints.

3.5 Error handling

OFS shall handle expected and non expected errors in ways that prevent loss in information and long downtime period.