



## **BBM 384 – SOFTWARE ENGINEERING LABORATORY**

### **ONLINE SHOPPING SYSTEM PROJECT VISION**

#### **GROUP 19**

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<b>Online Shopping System</b>	
Vision	Date: 13/03/2019

# Online Shopping System

## Vision

### 1. Introduction

This is the vision document of Online Shopping System. Like any other vision document, this document will cover the problem and vision statement including project background, stakeholders, requirements and project scope.

### 2. Positioning

#### 2.1 Problem Statement

The problem of	<i>Online shopping</i>
affects	<i>Customers and sellers</i>
the impact of which is	<i>Difficulty of getting the demands of customers from proper sellers</i>
a successful solution would be	<i>A flexible, maintainable, attractive and extensible, web based online shopping system</i>

#### 2.2 Product Position Statement

For	<i>Customers and sellers</i>
Who	<i>wants online shopping of clothes, shoes, electronic devices, accessory, personal care products etc. within their budgets, without visiting shop</i>
The (Online Shopping System)	<i>is a web based application</i>
That	<i>Manages services like selling or buying that are provided to the customers and sellers</i>
Unlike	<i>Stores that require visit</i>
Our product	<i>Gives opportunity of shopping online without wasting time</i>

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### 3. Stakeholder Descriptions

#### 3.1 Stakeholder Summary

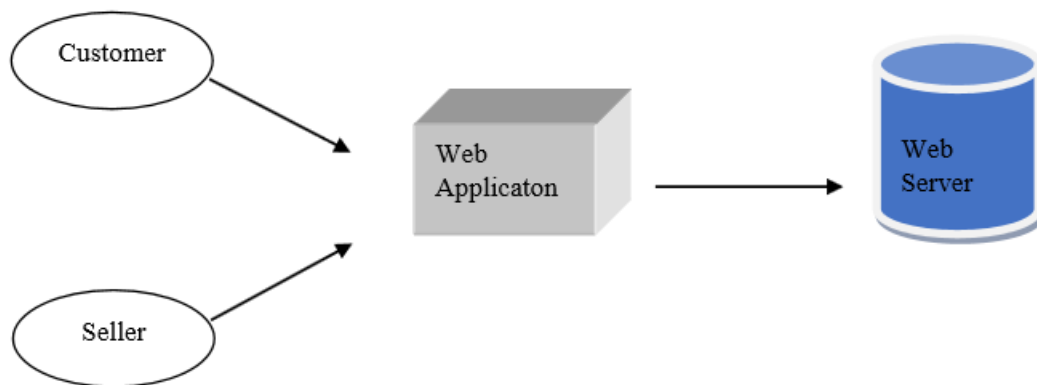
Name	Description	Responsibilities
Non-Registered Customer	Users who wants to search and view product	Only can search and view products.
Registered Customer	Users who wants to search, view and buy products	can access/manage their accounts, search/view the products, add the products selected to their shopping carts and purchase them.
Seller	Users who wants to sell products	Responsible for adding new products to the online shopping system. Can manages its account, Views its product status to update and control their stocks, deletes the product which is out of stock.
Admin	System administrator	Manages sellers, services, menus; can send messages or e-mails to users; can see customer details, including payment status, shopping history of the customer.
Project Manager	schedules the project tasks and ensures that the project is going according to the plan	Responsible for ensuring that everyone on the team knows and executes his/her role, feels empowered and supported in the role; knows the roles of the other team members and acts upon the belief that those roles will be performed.
Software Developer	Is the person who is assigned to implement the project by using proper programming language	Writing high-quality code to develop applications on schedule

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Name	Description	Responsibilities
Software Tester	Is the person who ensures that the program is reliable in different cases	Reads all the documents and understand the test scenarios. Develop test cases and prioritizes testing activities. Executes all the test cases and reports defects, defines severity and priority of each defect.
Software Analyst	Is the person who defines, documents and maintains the requirements for the project.	Documents the requirements to aid highlevel design of the project and confirm that the requirements are corrected by asking the acquirers.
Software Architect	Is a software expert who makes high-level design choices and dictates technical standards, including software coding standards, tools and platforms	Creates the component design, divides the complex application to smaller, more manageable pieces.

### 3.2 User Environment

The users of the system are customers, sellers and admin of the shopping site. The users are assumed to have basic knowledge of the computers. The proper user interface, user's manual should be sufficient to educate the users on how to use the system without any problems. Finished product will be available only as a web application.



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## 4. Product Overview

### 4.1 Needs and Features

Need	Priority	Features	Planned Release
Register	High	Enables non-registered users to register to the site	At Release 1
Login	High	Enables seller and customers login	At Release 1
Logout	High	Enables seller and customers logout	At Release 1
Add Product	High	Enables the sellers to add products	At Release 2
View Product	High	Shows details of a product	At Release 2
List Product	High	Lists the products of a specific seller	At Release 2
Search Product	High	Search a specific product	At Release 2
Add to Basket	High	Add desired product to customers basket	At Release 3
Payment	High	Make payment for the product in the basket	At Release 3
Confirm Sale	High	Confirm the payment and sale. Add shipping information's to customers and sellers pages	At Release 3
Advertisement	Medium	Show advertisement to the customers depending on their shopping and search history. Send messages to customers about promotions	At Release 3
Confirm Delivery	Medium	Confirm the delivery of a product to a customer. According the state of the delivery, transfer the money to the seller	At Release 3

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## 5. Other Product Requirements

Requirement	Priority	Planned Release
Program must be stable	High	Through the project
Every interaction within the program must be responsive	High	Through the project
Basic user's manual must be available	Low	At Release 3