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# Shopaholic System Requirement

# Background

Shopaholic is an online shopping portal which can be treated as an online B2C portal where User can buy products which are listed on the website by the Authorized sellers. Shopaholic will work as a medium for both the sections of User and Authorized sellers. This project incorporates all the concepts taught during course namely design patterns, Angular JS, Node JS, C#, Entity Framework, language fundamentals maintaining high design and coding standards.

# Purpose of this document

This document defines the Business process flow of Shopaholic. This document reflects the results of the discussions between the stakeholders, program architect and experts from banking domain.

# Definitions

* **Stakeholder**: Shopaholic Pvt Ltd
* **Program Architect**: Software Developers from Shopaholic Pvt Ltd.
* **Domain Expert**: Senior program architect with 10+ years of experience in web development.

# Actors

There are two actors in this system and actor’s role with respect to the Shopaholic is follows as:

1. **User:** User can register him/ her and performs basic profile changes and shop for anything which is on the Website. User can purchase anything from the website and order it through it.
2. **Authorized Seller** : Authorized seller will acts as an Admin in this portal and can change products listed by him/her under his products and can also perform Order Processing’s and inventory management.

**Business Objectives**

* Create a shopping portal which can easy the method of purchase for user and open new opportunities/Market for the Authorized Seller through the medium of Internet.
* This document will act as point of reference for the User and Sellers. User and Sellers will get clear idea about how actor interacts with the system.

# User Stories for Task Management System

User stories are the basis for defining the functions a business system must provide, and to facilitate requirements management. It captures the 'who', 'what' and 'why' of a requirement in a simple, concise way, often limited in detail by what can be hand-written on a small paper note card. The user story can be thought of as a piece of the work that the system is going to deliver. Below are user stories identified and categorized in small units which can be shipped in a release.

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| Sr.No | Use Case # | User Story |
|  | UCEQ01 | As a new user one should register to purchase product. |
|  | UCEQ02 | As a registered user he/she can login into system. |
|  | UCEQ03 | As a user he can request new password on forgot password. |
|  | UCEQ04 | As a User he can update profile details. |
|  | UCEQ05 | As a user he can view all of his previously purchased products. |
|  | UCEQ06 | As a user he can purchase new product. |
|  | UCEQ07 | A user can maintain shopping cart/wish list. |
|  | UCEQ08 | A user can add/remove products from the wish list. |
|  | UCEQ09 | A user can add/remove addresses from the profile. |
|  | UCEQ10 | As a User he cans logout from the system. |
|  | UCEQ11 | As a new seller one should register to sells product. |
|  | UCEQ12 | As a registered seller he/she can login into system. |
|  | UCEQ13 | As a seller he can request new password on forgot password. |
|  | UCEQ14 | As a seller he can add new product. |
|  | UCEQ15 | As a seller he can view all of ordered products from users. |
|  | UCEQ16 | As a seller he can view all of his previously added products and its inventory. |
|  | UCEQ17 | Seller can remove products. |
|  | UCEQ18 | Seller can manage Orders. |

## UCEQ01

**User Story**: As a new user one should register to purchase product.

Add new user flow:

1. User applies to register for account in Online Shopping Portal.
2. User provides some personal information for registration.
3. User provides user id and password to login into system.
4. Business related validations take place as a part of process in the system.
5. New user account gets created for the registered user automatically.

## UCEQ02

**User Story**: As a registered user he can login into system.

User login flow:

1. User fills in user Id/email id, Password on login page.
2. On successful authentication user will see user home page.

## UCEQ03

**User Story**: As a user he can request new password on forgot password.

Forgot password flow:

1. User clicks on forgot password link available on login page.
2. User has to put user id/email id.
3. System generates verification code and sends it on registered email address.
4. User provide verification code, new password and re-enter new password to register new password.
5. User’s new password will set.

## UCEQ04

**User story**: As a User he can update profile details.

1. User logs in the system.
2. User updates only profile details which are editable like address, email and mobile.
3. Updated fields will save in user profile.

## UCEQ05

**User Story**: As a user he can view all of his previously purchased products.

View all tasks flow:

1. User login into system.
2. On successful login user will see home page.
3. On user home, migrating to profile page, link of previously purchased products will be there, after going to that page, user can see list of all of his previously purchased products will.

## UCEQ06

**User Story**: As a user he can purchase new product.

1. User login into system.
2. User can select the desired product and going to product detail and
3. Clicking on buy now, he/she can purchase the product by per performing necessary actions like choosing delivery address, mode of payment and all.
4. After that, his/her order will be confirmed by the Seller and it will be processed for delivery.

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## UCEQ07

**User Story**: A user can maintain shopping cart/wish list.

1. User will choose product from Home Page or Browsing through Categories and selecting the product.
2. From the Product List of products, user will select the product to view the Product Details.
3. On the Product Detail Page, user can add the product to Wish List by clicking on the Ad to Wish List Button.
4. User can view favourite/wish listed products on the Wish List Page.

## UCEQ08

**User Story**: A user can add/remove products from the wish list

1. User will login in to the system and then go to the Wish List Page.
2. On Wish List Page, user can view the products added to the Wish List and
3. By clicking on the Remove from Wish List, it can remove the product from Wish List.

## UCEQ09

**User Story**: A user can add/remove addresses from the profile.

1. User clicks on My Profile on Home Page.
2. On My Profile page, user can select Addresses which will show all the addresses.
3. On Addresses Page, user can add new address as well, it can delete address from the Address List.

## UCEQ10

**User Story**: As a User he cans logout from the system.

1. When user is done using system user clicks on logout button.
2. System clears user session and redirects user to login page.

## UCEQ11

**User Story**: As a new seller one should register to purchase product.

Add new seller flow:

1. Seller applies to register for account in Online Shopping Portal.
2. Seller provides some personal information for registration.
3. Seller will be authenticated by Email Verification by providing Verification Code which will be sent after registration.
4. Business related validations take place as a part of process in the system.
5. New seller account gets created for the registered seller by registered Email Id.

## UCEQ12

**User Story**: As a registered seller, he/she can login into system.

Seller login flow:

1. Seller fills in user Id/email id, Password on Seller login page.
2. On successful authentication seller will see seller dashboard.

## UCEQ13

**User Story**: As a seller he can request new password on forgot password.

Forgot password flow:

1. Seller clicks on forgot password link available on Seller login page.
2. Seller has to put user id/email id.
3. System generates verification code and sends it on registered email address.
4. Seller provide verification code, new password and re-enter new password to register new password.
5. Seller’s new password will set.

## UCEQ14

**User story**: As a seller he/she can add new product.

1. Seller logs in the system and on the Dashboard, by clicking on Add Product, it will migrate on Add Product page.
2. After adding necessary details on the Add Product page, seller can add Product.
3. Added Product will be added to the Products List.

## UCEQ15

**User story**: As a seller he can view all of ordered products from users.

1. Seller logs in the system and on the Dashboard, by clicking on Manage Orders, seller can view all Orders.
2. On Manage Orders, seller can view all the Products which have been bought by the user.
3. On clicking on particular Order, seller can view the details of ordered Product of that particular order.

## UCEQ16

**User story**: As a seller he can view all of his previously added products and its inventory.

1. Seller logs in the system and on the Dashboard, by clicking on Manage Products, seller can view all added Products.
2. On Manage Products, seller can view all the Products which have been added by him/her.
3. On clicking on particular Product, seller can view the details of Product and can also edit that product.

## UCEQ17

**User story**: As a seller he can remove previously added products.

1. Seller logs in the system and on the Dashboard, by clicking on Manage Products, seller can view all added Products.
2. On Manage Products, seller can view all the Products which have been added by him/her.
3. On clicking on Delete Product button, seller can remove the product from the System.

## UCEQ18

**User story**: As a seller he can manage Orders.

1. Seller logs in the system and on the Dashboard, by clicking on Manage Orders, seller can view all Orders.
2. On Manage Orders, seller can approve the Order by selecting it through the Drop Down.
3. On clicking on particular Order, seller can view the details of that particular order.