**Use Case Template**

**Project Name: CapStore(E-commerce-application)**

**Project ID:**

**Executive Sponsor:**

**Project Manager: Himanshu Kaushik**

**Business Analyst:**

Date: March 28, 2019

**Table of Contents**

[Approvals 4](#_Toc221528079)

[Use Case List 4](#_Toc221528080)

[1 Feature Name (Example: ATM Transaction) 4](#_Toc221528081)

[1.1 Feature Process Flow / Use Case Model 4](#_Toc221528082)

[1.2 Use Case(s) 4](#_Toc221528083)

[2 Feature Name (Repeat for each Use Case) 4](#_Toc221528084)

[2.1 Feature Process Flow / Use Case Model 4](#_Toc221528085)

[2.2 Use Case(s) 4](#_Toc221528086)

Revision History

| **Version** | **Date** | **Revision Description** |
| --- | --- | --- |
| .01 |  |  |
| .02 |  |  |
| .03 |  |  |
| .04 |  |  |
| 1.0 |  | Approved Use Case |
|  |  |  |
|  |  |  |

# Approvals

We have carefully assessed the Use Cases for this project. This document has been completed in accordance with the requirements of the System Development Methodology.

MANAGEMENT CERTIFICATION - Please check the appropriate statement.

\_\_\_\_\_\_ the document is accepted.

\_\_\_\_\_\_ the document is accepted pending the changes noted.

\_\_\_\_\_\_ the document is not accepted.

We fully accept the changes as needed improvements and authorize initiation of work to proceed. Based on our authority and judgment, the continued operation of this system is authorized.

(\*=Required \*\*= Submit for Review Approval Not Required)

Executive Sponsor\*\* DATE

Project Sponsor\* DATE

Quality Assurance Manager / Team Lead\* DATE

Shubhanshu Tiwari 28-03-2019

Business Analyst Manager / Team Lead\* DATE

Project Manager DATE

Himanshu Kaushik 28-03-2019

# Use Case List

|  |  |  |
| --- | --- | --- |
| **Use Case ID** | **Primary Actor** | **Use Cases** |
| UC-1.1 | Admin, Customer, Merchant | CapStore Homepage with Searching |
| UC-1.2 | Admin, Customer | Product page and viewing of similar products |
| UC-1.3 | Customer | Sorting of products based on different categories |

# Feature Name (CapStore HomePage with searching)

## Feature Process Flow / Use Case Model

## Use Case(s)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Use Case ID:** | UC-1.1 | | | |
| **Use Case Name:** | CapStore Homepage with searching | | | |
| **Created By:** |  | | **Last Updated By:** | 29-03-2019 |
| **Date Created:** | 28-03-2019 | | **Last Revision Date:** |  |
| **Actors:** | | Admin, Merchant and Customer. | | |
| **Description:** | | Each actor can view homepage of CapStore website and perform operations. | | |
| **Trigger:** | | [Identify the event that initiates the use case. This could be an external business event or system event that causes the use case to begin, or it could be the first step in the normal flow.] | | |
| **Preconditions:** | | 1. Admin has a valid login account on CapStore. 2. Merchant has a valid login account on CapStore. 3. Customer has a valid login account on CapStore. | | |
| **Post conditions:** | | 1. Admin can view customer’s details. 2. Customers can view product and its details. 3. Merchant can view its own inventory. | | |
| **Normal Flow:** | | 1. User first view homepage. 2. User will search products by entering product detail into search box. 3. User can view products and its details. | | |
| **Alternative Flows:**  **[Alternative Flow 1 – Not in Network]** | | [Document **legitimate** branches from the main flow to handle special conditions (also known as extensions). For each alternative flow reference the branching step number of the normal flow and the condition which must be true in order for this extension to be executed. e.g. Alternative flows in the *Withdraw Cash* transaction:  4a. In step 4 of the normal flow, if the customer is not in the bank network   1. System will prompt customer to accept network fee 2. Customer accepts 3. Use Case resumes on step 5   4b. In step 4 of the normal flow, if the customer is not in the bank network   1. System will prompt customer to accept network fee 2. Customer declines 3. Transaction is terminated 4. Use Case resumes on step 9 of normal flow   Note: Insert a new row for each distinctive alternative flow. ] | | |
| **Exceptions:** | | 1. If user enters invalid product name, then error message is displayed. 2. If product is not present in repository then exception is throws “product is out of stock”. | | |
| **Includes:** | | Product Page and Sorting Products modules use this use case. | | |
| **Frequency of Use:** | | This use case is used many times in a day and executed approximately 50 times per hour. | | |
| **Special Requirements:** | | [Identify any additional requirements, such as nonfunctional requirements, for the use case that may need to be addressed during design or implementation. These may include performance requirements or other quality attributes.] | | |
| **Assumptions:** | | For viewing the website customer must know English language. | | |
| **Notes and Issues:** | | If the customer enters product which is not present then it generates an error that product is not present in repository. | | |

# Feature Name (Product page and viewing similar products)

## Feature Process Flow / Use Case Model

## Use Case(s)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Use Case ID:** | UC-1.2 | | | |
| **Use Case Name:** | Product page and viewing of similar products | | | |
| **Created By:** |  | | **Last Updated By:** | 29-03-2019 |
| **Date Created:** | 28-03-2019 | | **Last Revision Date:** |  |
| **Actors:** | | Admin and customer | | |
| **Description:** | | Each actor can view product catalog and view similar type of product based on catalog and also see customer’s feedback. | | |
| **Trigger:** | |  | | |
| **Preconditions:** | | **1. Admin has a valid login account**  **2. Customer has a valid login account.** | | |
| **Post conditions:** | | 1. Admin can view products.  2. Customer can view catalog and view similar product based on product type. | | |
| **Normal Flow:** | | 1. User first search product based on catalog or directly by search box.  2. User can view product details and also customer’s feedback.  3. User can view similar type of products by click on product. | | |
| **Alternative Flows:** | |  | | |
| **Exceptions:** | | 1. If user enters invalid product name, then error message is displayed.  2. If product is not present in repository then exception is throws “product is out of stock”. | | |
| **Includes:** | | Sorting product module use this use case. | | |
| **Frequency of Use:** | | This use case is used many times in a day and executed approximately 50 times per hour. | | |
| **Special Requirements:** | |  | | |
| **Assumptions:** | | For viewing the website customer must know English language. | | |
| **Notes and Issues:** | | If the customer enters product which is not present then it generates an error that product is not present in repository. | | |

# Feature Name (Sorting Products)

## Feature Process Flow / Use Case Model

## Use Case(s)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Use Case ID:** | UC-1.3 | | | |
| **Use Case Name:** | Sorting products | | | |
| **Created By:** |  | | **Last Updated By:** | 29-03-2019 |
| **Date Created:** | 28-03-2019 | | **Last Revision Date:** |  |
| **Actors:** | | Admin and customer. | | |
| **Description:** | | Each user can view products according to range of price, most viewed product, best seller and ascending and descending order of price. | | |
| **Trigger:** | |  | | |
| **Preconditions:** | | **1. Admin has a valid login account.**  **2. Customer has a valid login account.** | | |
| **Post conditions:** | | Admin and user can view products according to range of price, most viewed product, best seller and ascending and descending order of price. | | |
| **Normal Flow:** | | 1. User first search product based on catalog or directly by search box.  2. User can select range of price (ascending or descending order)/most viewed product/best seller for the product.  3. User can see the products. | | |
| **Alternative Flows:** | |  | | |
| **Exceptions:** | | If user enters invalid product name, then error message is displayed.  If product is not present in repository then exception is throws “product is out of stock”. | | |
| **Includes:** | | None | | |
| **Frequency of Use:** | | This use case is used many times in a day and executed approximately 50 times per hour. | | |
| **Special Requirements:** | |  | | |
| **Assumptions:** | | For viewing the website customer must know English language. | | |
| **Notes and Issues:** | | If the customer enters product which is not present then it generates an error that product is not present in repository. | | |