Music Store

Use-Case Model

Version <1.0>

Revision History

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Use-Case Model

# Use-Cases Identification

[Identify actors, scenarios and use cases. Describe the three most important use-cases according to the following format:

***Use case: <use case goal>***

***Level: <one of: summary level, user-goal level, sub-function>***

***Primary actor: <a role name for the actor who initiates the use case>***

***Main success scenario: <the steps of the main success scenario from trigger to goal deliverye following format:>***

***Extensions: <alternate scenarios of success or failure>***

]

A **customer** ca use the system in these scenarios:

1. Browse catalog
2. View product
3. Search catalog
4. Manage account
5. Place Order

**Use Case** **1: Browse catalog**

Level : **sub-function**

Main success scenario: : **A customer can browse through the different categories of products available.** **The customer will choose the product category. The system will display a product list.**

Extensions: **In case of failure, a designated message will be displayed.**

**Use case 2** : **View product**

Level: **summary**

Main success scenario: **The customer will click on a product that wants to view. The specifics of that product will be displayed.**

Extensions: **The product is not found, a message will be displayed.**

**Use case 3** : **Search catalog**

Level: **summary**

Main success scenario: **The actor will type in a search bar a product name/product specification/ part of a product name/ product type. A list of products that match or partially match the words typed in the searched bar will be displayed.**

Extensions: **In case there are no matches, a message will be displayed.**

**Use case 4** : **Manage account**

Level: user-goal

Main success scenario: Viewing personal account and editing if needed.

**Use case 5**: **Place order**

Level: **user-goal**

**Add to cart**

Main success scenario: **When the customer finds the wanted product, he adds it to the shopping cart.**

**View cart Billing and shipping**

Main success scenario: **The customer can see all the products added in the cart.**

**Billing and shipping**

Main success scenario: **The customer edits and updates the billing and shipping information.**

**Checkout**

Main success scenario: **When the customer finishes shopping, they press the checkout button and the system prompts the customer to review or input a new one, and then the order form will be processed by the system and the checkout will be complete.**

The **Administrator** can use the system for:

1. System Login
2. Manage catalog
3. Manage orders

**Use case 6** : **System Login**

Level: **subfunction**

Main success scenario: **The user will enter 2 inputs (username and password), which will be validated and authenticated against the local server. The server will check the input match the stored data. If the validation and authentication is successful then the default page will be displayed.**

Extensions: **Authentication or validation fails, an error message will be displayed.**

**Use case 6** : **Manage catalog**

Level: **subfunction**

**CRUD on category**

Main success scenario: **The administrator will choose to create/read/update/delete a category. According to the action chosen:**

(Create): **The administrator will enter the name for the new category and additional needed information and clicks the add button to complete the action.**

(Read): **The administrator will choose which category to view, and presses the View button. All products of that category will be displayed.**

(Update): **The administrator will choose a category and press the Update button. Information of that category will be available for update.**

(Delete): **The administrator will choose a category and press the Delete button. That category will be erased for the stored data.**

**CRUD on product**

(Create): **The administrator will enter the name for the new product and additional needed information and clicks the add button to complete the action.**

(Read): **The administrator will choose which product to view, and presses the View button. The information of that product will be displayed.**

(Update): **The administrator will choose a product and press the Update button. Information of that product will be available for update.**

(Delete): **The administrator will choose a product and press the Delete button. That product will be erased for the stored data.**

**Manage orders**

# UML Use-Case Diagrams

[Create the UML Use-Case Diagrams.]



