Cake Shop

Use-Case Model

Version <1.0>

Revision History

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# Use-Cases Identification

**Use-case:** Login

**Level:**

**Primary Actor:** admin/customer

**Main success scenario:** The user, admin or customer, uses its credentials to log into the application. If it is a new customer, the user will have to register first. The username and the password will be provided and if these items match the ones stored in the database, the user will be allowed to perform its specific operations.

**Extensions:** If the credentials do not match, the user will not proceed to the next step and will be notified that the credentials must be provided once again. If the user cannot provide the credentials correctly after a number of tries, the profile is blocked (deleted).

**Use-case:** Manage sales

**Level:**

**Primary Actor:** admin

**Main success scenario:** The admin needs to be logged into the application in order to proceed to manage the sales. The user will be able to perform these operations, like confirming the customers’ orders or delete some of them. Moreover, based on these orders, the admin can compute the discount points.

**Extensions:** The admin cannot manage the sales if the login phase is not completed. So, if the credentials are not provided correctly, the user will have to reintroduce the username and password.

**Use-case:**  create order

**Level:**

**Primary Actor:** customer

**Main success scenario:** The customer logs into the application and selects the desired products. The selected products will represent the order and after this step, the user will be able to proceed to the checkout.

**Extensions:** If the user could not log into the application successfully, the order will not be registered. Another unsuccessful scenario, the desired products are not in stock and the user will not be able to select those products.

# UML Use-Case Diagrams

