**Use-Case Model**

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* **Use-Cases Identification**

1. Add a new book in the system

Use case: Add a new book in the system

Level: User-goal level

Primary actor: the administrator

Main success scenario:

Log in the application

Iniate the add product action from the user interface

Provide the short description and all other related information needed

Specify the stock

Add the product

Extensions:

In case of bad login credentials, the related error will be thrown.

In case of bad input, the related error will be thrown.

In case the book already exists, it will not be added again and an error message will appear.

2. Placing an order

Use case: Place order

Level: User-goal level

Primary actor: the customer

Main success scenario:

Log in the application

Search through books

Select the products and add to cart

Provide delivery information and payment information

Place order

Extensions:

In case of bad login credentials, the related error will be thrown.

In case of unvalid number of products, the related error message will appear.

In case of bad input for address or payment information, the related error will be thrown.

3. Write a review

Use case: Write review

Level: User-goal level

Primary actor: the customer

Main success scenario:

Log in the application

Search though books

Select the book you want to review

Select write review

Post review

Extensions:

In case of bad login credentials, the user won't be able to enter the system.

* **UML Use-Case Diagrams**

The use-case diagram of the system:



