Product Management System

Use-Case Model

Version 1.0

Revision History

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| --- | --- | --- | --- |
| **Date** | **Version** | **Description** | **Author** |
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Use-Case Model

# Use-Cases Identification

This application can be used by three types of users. The admin users represent the outdoor companies which can display their offers and of course, perform CRUD on them. They can also perform CRUD on their instructors (employees) and CRUD on clients that are logged in the application. If it happens that the company wants to cancel an activity, it should notify the instructors and the clients that were supposed to go on that activity. The instructors can view the offers available and decide to manage an activity. This means that he will be the instructor which will be responsible for that activity. He also needs to update the clients that subscribed to the activity with relevant information (location, equipment needed, etc.). The customers can browse through the offers of the companies, subscribe to one and also choose their instructor, based on reviews and comments that other people left.

Use case: Crud on model entities

Level: user-goal level

Primary actor: admin

Main success scenario: CRUD operations

Extensions: failed CRUD operations

Use case: Notify users if offers change

Level: user-goal level

Primary actor: admin

Main success scenario: successful updates sent

Extensions: failed to send updates or sent to the wrong persons

Use case: Login/Logout

Level: user-goal level

Primary actor: admin, customer, instructor

Main success scenario: successful login/logout into application

Extensions: fail to login/logout due to inconsistencies in the DB

Use case: View offers and instructors

Level: user-goal level

Primary actor: customer

Main success scenario: successful view

Extensions: fail to view offers or viewing erroneous data

Use case: Reserve an activity

Level: user-goal level

Primary actor: customer

Main success scenario: successful reservation

Extensions: fail to reserve or the reservation to not be saved or somehow destroyed

Use case: Review

Level: user-goal level

Primary actor: customer, instructor

Main success scenario: successful review and update of the profiles

Extensions: fail to post the review and update the profile rank

Use case: Cancel activity

Level: user-goal level

Primary actor: instructor

Main success scenario: successful cancel the activity and notify both the clients and the company

Extensions: fail to update the company and the clients

# UML Use-Case Diagrams





