Use-Case Model

Version <1.0>

Revision History

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# Use-Cases Identification

**Actors:**

* Employees of the tourism agency
* Clients of the tourism agency
* Operators who collaborate with the agency and provide information in XML files

**Scenarios:**

* Employees add/modify/delete vacations
* Employees add/modify client information
* Employees reserve vacations for clients
* Clients search for vacations and make reservations
* Operators provide updates on hotels/trips availability in XML files

**Use Cases:**

Use case: Add Vacation

Level: User-goal level

Primary actor: Employee

Main success scenario:

* Employee selects "Add Vacation" from the menu
* System displays a form for entering vacation details
* Employee enters vacation details (e.g. destination, type of vacation, price)
* System validates the entered data
* System adds the new vacation to the database

Extensions:

* Employee cancels the operation at any point
* Entered data is invalid or incomplete, and the system displays an error message

Use case: Reserve Vacation

Level: User-goal level

Primary actor: Employee or Client

Main success scenario:

* Employee/Client selects "Reserve Vacation" from the menu
* System displays a form for entering reservation details
* Employee/Client enters reservation details (e.g. client name, vacation details, dates)
* System validates the entered data
* System checks availability and reserves the vacation
* System updates the database

Extensions:

* Employee/Client cancels the operation at any point
* Entered data is invalid or incomplete, and the system displays an error message
* The requested vacation is not available, and the system displays an error message

Use case: Update Hotels/Trips Availability

Level: Sub-function level

Primary actor: Operator

Main success scenario:

* Operator provides updated information in an XML file
* System reads the XML file
* System updates the database with the new information

Extensions:

* The XML file is invalid or incomplete, and the system displays an error message
* These are just three examples of use cases, but there may be many more depending on the specific requirements of the application

# UML Use-Case Diagrams



 