**TRAVELLING AGENCY**

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# Assignment Specification

The application is designed for vacation booking vacations to worldwide destinations. It focuses on consumer experience, but it also offers functionalities for travel agencies to upload and promote their products.

# Functional Requirements

* The Travel Agency can:

1. add vacation destination

2. add vacation packages for a specific destination that should contain information about name, price, period, extra details, and number of people that can book the vacation

3. edit an existing vacation package

4. delete an existing vacation package

5. view all its listed vacation packages

6. delete vacation destination

* The Regular User can:

1. register on the platform

2. login on the platform

3. view all available vacation packages

4. filter vacation packages by various parameters

5. book a vacation

6. view all its booked vacations

# Non-functional requirements

* **Performance**

As an app that handles communication between database and user, the Travel Agency application is focused on retrieving the best performance throughout all the experience of using it and aims to compromise the speed as little as possible.

* **Security**

Having a username/email and a password as credentials for users, the app implements a very basic but essential layer of security

* **Usability**

This application can be used in any traveling agency that wants to get close to their clients and of course, expand their clientele.

# Use-case diagram

Diagram

Description automatically generated

# Use-case identification

Use case name: Login

Level: User-Goal

Main Actor: User(whether Regular User or Travelling Agency)

Main success scenario: The user presses the LOGIN button after introducing a valid passcode username/email combination. The user is redirected to the main menu.

Extension: The client presses the LOGIN button after introducing an invalid passcode username/email combination. The client is informed about having introduced the wrong credentials and is asked to try again.

Use case name: Add a new vacation package

Level: User-Goal

Main Actor: Travelling Agency

Main success scenario: The agent from the Travelling Agency present the “Add a new vacation package” button. A new window is opened and several dropping down combo boxes help the process of choosing the destination, period and other details.

Extension: The agent gives up on the operation and closes the window. He/she is redirected back to the operation choice menu.

# Diagrams

* Database Diagram:

Graphical user interface

Description automatically generated

* Package Diagram(organized in layers)

Diagram

Description automatically generated