**Introduction**

Planning vacations has never been an easy thing to do, especially because it involves a lot of research and decision making.

Fortunately, DestinationBucketList app aims to provide a much easier way to plan a holiday, by imposing a platform for users to create a personal vacation destinations bucket list while promoting tourism and sustainability.The scope of the project is to optimize the process of holidays' organization, providing objectives such as encouraging tourism and offering sustainable travel practices by promoting environmentally friendly vacation destinations.

The success criteria for this app will be the minimum number of users who sign up within the first 2 months being over 1 thousand, the number of destinations added to the list, and the overall user satisfaction with the app's functionalities medium 4,5 out of 5.

**Overview**

Destination Bucket List is a vacation planning app designed to help users create a personalized bucket list of travel destinations with ease. It offers a range of features such as user registration, vacation destination creation, destination management, user interface, data privacy and security, and account management. The system is focused on providing users with a user-friendly platform to plan their dream vacations and track their travel goals effortlessly. With Destination Bucket List, users can manage their vacation destinations, view public destinations, and modify their accounts, ensuring they have complete control over their personal information and data. The app is fully compliant with GDPR, ensuring that users' privacy and security are protected.

**Glossary**

Traveler - A person who has registered with the app to create and manage their bucket list.

Admin - A person who manages public entities.

Item - Refers to a vacation destination.

Vacation Destination - A place with a geolocation, title, image, description, and stay dates that user can add to their bucket list.

Bucket List - A private list of vacation destinations that a user creates for themselves.

Public List - A list of vacation destinations managed by an admin that can be viewed by all users of the app.

**DestinationBucketList**

*Functional Requirements:*

• DestinationBucketList must allow travelers to enter their credentials in order to create an account and then to login

• DestinationBucketList must allow travelers to cancel their accounts

• DestinationBucketList must allow travelers to modify their accounts by entering new credentials

• DestinationBucketList must allow travelers to delete any of their bucket lists

• DestinationBucketList must allow travelers to update any of their bucket lists, entering new details

• DestinationBucketList must allow travelers to:

• Add destinations from the public list managed by the admin to any of their bucket lists

• Remove destinations, either public or private, from any of their bucket lists

• Create private destinations, that can only be seen by them, entering details about them

• Update their own private destinations with new information

• DestinationBucketList must allow admin to:

• Create destinations in the public list, that can be seen by everyone, entering details about them

• Remove destinations from the public list, which implies removing them from all of the bucket lists that contain them

• Update destinations from the public list, which implies updating them in all of the bucket lists that contain them

*NonFunctional Requirements:*

• DestinationBucketList must be a Desktop app or web app

• DestinationBucketList must have friendly display of items and ways to manage them

**High priority:**

• Create account

• Login

• Modify Account

• Create Public Item

• Update Public Item

• Remove Public Item from Public List

• Register Bucket List

• Add Public Item

• Remove Public Item from Bucket List

**Medium priority:**

• Create Private Item

• Read Private Item

• Update Private Item

• Remove Private Item

• Cancel Account

Name

Create Public Destination

Participating actors

Admin, User

Flow of events

1. The admin or user clicks on the “Create new destination” button.
2. The application opens a form.
3. The admin fills the form with the details of the new destination: geolocation, title, image, description, valid stay dates.

The Admin or user clicks the “Save new destination” button.

Entry condition

The Admin or user must be logged in.

Exit condition

A new public destination is added to the database.

Exceptions

1. The admin or user does not provide all required information in the form/ empty slots are left:

- The app or user displays an error message indicating that all fields are required.

- The admin or user is prompted to provide the missing information and try again.

2. The admin or user does not provide valid information in the form

- The app displays an error message indicating that the destinations should be unique

- The user is prompted to change the name and geolocation and try again.The destination must be unique.

The destination can be uniquely identified by a combination of its geolocation and title.