

Primary Actor	Use Cases
Admin	<ol style="list-style-type: none"> 1. Login 2. Logout 3. Add public destination 4. Delete public destination 5. Update public destination 6. View public destination
User	<ol style="list-style-type: none"> 7. Delete account 8. Register 9. Modify account 10. Filter 11. Add private destination 12. Remove private destination 13. Update private destination 14. Add public destination 15. Login 16. Logout

1. Login

ID and Name	Login		
Primary actor	Admin, User	Secondary actor	
Description	Admin/User tries to login into the app by completing the username and the password and pressing the 'Login' button.		
Trigger	Admin/User wants to sign into their account.		
Preconditions	Admin/User has an account.		
Postconditions	Admin/User is authenticated and can see all the available features.		

Normal flow	1.0 Login <ol style="list-style-type: none"> 1. The app asks admin/user for credentials (username and password) 2. Admin/user submits the credentials. 3. The system validates the information and checks if the username and password are valid. 4. If valid, the admin/user is signed in and redirected to the main page.
Alternative flows	1.1 Create Account: <ol style="list-style-type: none"> 1. If the user doesn't have an account, presses the Sign Up button and gets redirected to the Sign Up Page 2. Return to step 1. 1.2 Reset password: <ol style="list-style-type: none"> 1. If admin/user forgot the password, press Forgot password button and request a new one 2. Admin/User Inserts the email for the account. 3. Receives an email containing the link to reset the password. 4. Return to step 1. 1.3. Wrong credentials: <ol style="list-style-type: none"> 1. If the credentials are invalid, the system describes the problem. 2. Return to step 1.
Exceptions	1.0.E.2 The application crashes. <ol style="list-style-type: none"> 1. The login fails, and the app crashes.

2. Logout

ID and Name	2. Logout		
Primary actor	Admin, User	Secondary actor	
Description	Admin/User tries to log out from the app by pressing the 'Logout' button.		

Trigger	Admin/User wants to sign out from their account.
Preconditions	<ol style="list-style-type: none"> 1. Admin/User has an account. 2. Admin/User is logged in.
Postconditions	Admin/User is not authenticated anymore.
Normal flow	2.0 Logout <ol style="list-style-type: none"> 1. The admin/user presses the 'Logout' button. 2. Admin/User is asked if they are sure. 3. Admin/User selects "Yes". 4. Admin/user is logged out of the account.
Alternative flows	2.1 Admin/user selects 'No': <ol style="list-style-type: none"> 1. Admin/user is still logged in.
Exceptions	2.0.E.1 The application crashes. <ol style="list-style-type: none"> 1. The logout fails, and the app crashes.

3. Add public destination

ID and Name	3.Add public destination		
Primary actor	Admin	Secondary actor	
Description	Admin wants to add a destination to the public list. It needs to specify the geolocation, title, description, stay dates and images of that destination.		
Trigger	Admin wants to add a new destination		
Preconditions	<ol style="list-style-type: none"> 1. Admin is logged in 2. All the specified fields in the description are specified and valid 3. The location is not already in the list 		
Postconditions	Destination is added to the public list		

Normal flow	3.0 Add Destination <ol style="list-style-type: none"> 1. Admin opens the application 2. Admin chooses from the menu to add a new destination 3. Admin fills all the required fields 4. Admin presses add button 5. System validates the filled in data 6. System informs admin that the destination was added successfully
Alternative flows	3.1 Incorrect data: <ol style="list-style-type: none"> 1. Admin filled wrong data 2. Return to step 3
Exceptions	3.0.E.2 The application crashes. <ol style="list-style-type: none"> 1. The add fails and the app crashes.

4.Delete public destination

ID and Name	4.Delete Destination		
Primary actor	Admin	Secondary actor	
Description	Admin wants to delete public destination from the database		
Trigger	Admin wants to delete a public destination		
Preconditions	Admin is logged in The destination is already in the database		
Postconditions	Destination is removed from the database		

Normal flow	4.0 Login <ol style="list-style-type: none"> 1Admin opens the application Admin chooses to delete a destination from the menu Admin selects the destination System asks if the admin is sure about deleting the destination Admin presses yes System notifies the admin that removal was a success
Alternative flows	4.1 Admin presses no: <ol style="list-style-type: none"> Admin presses the no button No changes are made Admin is redirected to the main page
Exceptions	4.0.E.2 The application crashes. <ol style="list-style-type: none"> App crashes and remove fails

5.Update public destination

ID and Name	5.Update public destination		
Primary actor	Admin	Secondary actor	
Description	Admin wants to update a destination		
Trigger	Admin wants to update a destination.		
Preconditions	<ol style="list-style-type: none"> Admin is logged in Destination exists in the database 		

Postconditions	Fields of selected destination are modified si
Normal flow	5.0 Update <ol style="list-style-type: none"> 1. Admin opens the application 2. Admin chooses the update destination from the menu 3. Admin chooses what destination to update 4. Admin chooses what fields of the destination to update 5. Admin fills in the new data 6. System notifies the user that destination has been updated successfully
Alternate flows	5.1 Empty fields <ol style="list-style-type: none"> 1. The admin did not fill in the chosen field 2. Return to step 5
Exceptions	5.0.E.2 The application crashes. <ol style="list-style-type: none"> 1. The app crashes and update fails

6. View Public Destinations

ID and Name	6. View Public Destinations		
Primary actor	Admin, User	Secondary actor	
Description	Admin/User views all the public destinations from the database.		
Trigger	Admin/User wants to view all the public destinations.		
Preconditions	1. Admin/User should be authenticated.		
Postconditions	1.Admin/User sees all the public destinations.		

Normal flow	6.0 View all the public destinations <ol style="list-style-type: none"> Admin/User presses the 'View destinations' button. The system displays a list of all the destinations.
Alternative flows	-
Exceptions	6.0.E.1 The application crashes. <ol style="list-style-type: none"> The destinations are not shown.

7. Delete Account

ID and Name	7. Delete Account		
Primary actor	User	Secondary actor	
Description	User can delete the account from the system.		
Trigger	User wants to delete the account.		
Preconditions	1. User is authenticated.		
Postconditions	<ol style="list-style-type: none"> The account is deleted from the system. All the related data is deleted from the system. 		
Normal flow	7.0 Delete account <ol style="list-style-type: none"> User selects the 'Delete account' option. System asks for the password to confirm. User enters the password. System validates the password. If the password is correct, the system deletes the account and all its related data. 		
Alternative flows	7.0 User enters invalid password <ol style="list-style-type: none"> If the password is not correct, the system shows the message 'Incorrect password'. The account won't be deleted. 		

Exceptions	7.0.E.2 The application crashes. 1. The account is not deleted.
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8. Register

ID and Name	8. Register		
Primary actor	User	Secondary actor	
Description	User accesses the app and completes the registration form with name, email, phone number, username, and password.		
Trigger	User wants to create an account.		
Preconditions	<ol style="list-style-type: none"> 1. There is no other registered account using the same email. 2. The chosen username doesn't exist. 3. Password contains at least 8 characters, 1 uppercase, 1 special character and 1 digit. 		
Postconditions	<ol style="list-style-type: none"> 1. The account is created. 2. User is redirected to the login page. 		
Normal flow	8.0 Register <ol style="list-style-type: none"> 1. User presses the 'Register' button. 2. User completes all the data in the form. 3. User presses the 'Register' button. 4. System validates the completed data. 5. The account is registered. 		
Alternative flows	8.1 Email already exists <ol style="list-style-type: none"> 1. User provides an email that is already used. 2. Return to step 2. 8.2 Username already exists <ol style="list-style-type: none"> 1. User provides a username that already exists. 2. Return to step 2. 8.3 Password is not good enough <ol style="list-style-type: none"> 1. User provides a password that doesn't respect all the criteria. 		

	2. Return to step 2.
Exceptions	8.0.E.1 The application crashes. 1. The registration fails, and the app crashes.

9. Modify Account

ID and Name	9. Modify Account		
Primary actor	User	Secondary actor	
Description	User can update the account information.		
Trigger	User wants to modify account details.		
Preconditions	1. User is authenticated.		
Postconditions	1. The data completed by the user is updated on the account.		
Normal flow	9.0 Modify account <ol style="list-style-type: none"> 1. System displays the current account information. 2. User completes the information. 3. User presses the 'Update' button. 4. System validates the newly entered values. 5. System shows a notification that the information has been updated. 		
Alternative flows	9.0 User enters invalid information <ol style="list-style-type: none"> 1. System determines that the entered data is invalid. 2. System shows a notification that the entered data is invalid and the user is asked to enter some valid data. 3. User re-enters the information and the system re-validates it. 4. If the new information is valid, return to step 4. 		

	5. If invalid information is entered, the 'User enters invalid information' alternative flow is executed again.
Exceptions	9.0.E.2 The application crashes. 1. The account is not modified..

10. Filter Public Destinations

ID and Name	10. Filter Public Destinations		
Primary actor	Admin, User	Secondary actor	
Description	Admin/User selects or completes the filtering criteria. The system will show only the destinations that respect the selected criteria		
Trigger	Admin/User wants to filter all the public destinations.		
Preconditions	1. Admin/User should be authenticated.		
Postconditions	1. Admin/User sees all the public destinations that respect the selected criteria		
Normal flow	10.0 View all the filtered public destinations 1. Admin/ User selects/completes the filtering criteria. 2. Admin/ User presses the 'Filter' button. 3. The system displays a list of all the filtered destinations.		
Alternative flows	10.0 System cannot find any matching destinations 6. System cannot find any matching destinations. 7. System displays the message 'There are no destinations to show'. 8. Return to step 1.		
Exceptions	10.0.E.2 The application crashes. 1. The destinations are not shown.		

11.Add private destination

ID and Name	11. Add private destination		
Primary actor	User	Secondary actor	Admin
Description	User wants to add a destination to his private list		
Trigger	User wants to add a destination to his private list		
Preconditions	1. User is logged in 2. All the specified fields in the description are specified and valid 3. The location is not already in the list		
Postconditions	Destination is added to the private list		
Normal flow	11.0 Add Destination 1. User opens the application 2. User chooses to add a private destination 3. User fills all the required fields 4. User presses add button 5. System validates the filled in data 6. System informs admin that the destination was added successfully		
Alternate flows	11.1 Incorrect data: 1. Admin filled wrong data 2. Return to step 6		
Exceptions	11.0.E.2 The application crashes. Application crashes and add fails		

12.Delete private destination

ID and Name	12.Delete private destination		
Primary actor	User	Secondary actor	Admin

Description	Use wants to delete a private destination from the list
Trigger	User wants to delete a private destination
Preconditions	<ol style="list-style-type: none"> 1. User is logged in 2. The destination is already in the list
Postconditions	Destination is removed from the list
Normal flow	12.0 Delete private destination <ol style="list-style-type: none"> 1. User opens the application 2. User chooses to delete a destination from the private list 3. Admin selects the destination 4. System asks if the user is sure about deleting the destination 5. User presses yes 6. System notifies the user that removal was a success
Alternative flows	12.1 User pressed no: <ol style="list-style-type: none"> 4. User presses the no button 5. No changes are made 6. User is redirected to the main page
Exceptions	12.0.E.2 The application crashes. <ol style="list-style-type: none"> 1. App crashes and delete fails

<i>Primary Actor</i>	<i>Use Cases</i>
Admin	<ol style="list-style-type: none"> 1. Login 2. Logout 3. Add Destination 4. Delete Destination 5. Update Destination 6. View Destinations 7. Cancel User
User	<ol style="list-style-type: none"> 8. Register 9. Login 10. Logout 11. Modify Account 12. Cancel Account 13. View Destinations 14. Filter Destination 15. Sort Destinations 16. Add Public Destinations to Bucket List 17. Delete Public Destinations from Bucket List 18. Update Public Destinations in Bucket List 19. Create Private Destinations 20. Delete Private Destinations 21. Update Private Destinations