ISS 2023 Lab 1

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| Admin | 1. Add public destination |
| 2. Update public destination |
| 10. Delete (any) |
| 11. Log in |
| 4. View destination list |
| User | 3. Register (tinem minte un id) |
| 11. Log in |
| 4. View destination list |
| 5. Add public destination to bucket list |
| 6. Add private destination to bucket list |
| 12. Update private destination |
| 7. Remove destination from bucket list |
| 8. Modify user account |
| 9. Delete user account |

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| User Case ID: | 1 |
| User Case Name: | **Add public destination** |
| Actors: | Admin |
| Description: | The admin adds a new public destination. The user can choose this destination for the bucket list. |
| Preconditions: | Admin logged in. The fields (geolocation, title, image, description) must be specified. |
| Postconditions: | 1. A new public destination is added to the list.  2. The users can see the destination. |
| Normal Flow: | 1. Admin opens the application.  2. Admin chooses to manage destinations.  3. Admin selects the “Add public destination”.  4. Admin fills in the data (geolocation, title, image, description).  5. Admin submits the new destination.  6. The system validates the data.  7. App displays a text “Public destination successfully added”. |
| Alternative Flow: | - |
| Exceptions: | 1. The admin enters invalid data or uncompleted field. Error message and return to step 4.  2. The application crashes. The admin is redirected to the home page and will have to redo the add process. |
| Trigger: | The admin wants to add a new public destination. |

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| User Case ID: | 2 |
| User Case Name: | **Update public destination** |
| Actors: | Admin |
| Description: | The admin modifies the fields of an existing public destination. |
| Preconditions: | Admin logged in. The destination must be existing. |
| Postconditions: | 1. The destination is updated with the latest changes.  2. The users can see the updated version. |
| Normal Flow: | 1. Admin opens the application.  2. Admin chooses to manage destinations.  3. The app displays the current public destination list  4. Admin selects the destination they want to edit.  5. Admin modifies the data (geolocation, title, image, description).  6. Admin submits the updated destination.  7. The system validates the data.  8. App displays a text “Public destination successfully updated”. |
| Alternative Flow: | - |
| Exceptions: | 1. The admin enters invalid data or uncompleted field. Error message and return to step 5.  2. The application crashes. The admin is redirected to the home page and will have to redo the update process. |
| Trigger: | The admin wants to modify the public destination |

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| User Case ID: | 3 |
| User Case Name: | **Register** |
| Actors: | User |
| Description: | This use case describes the process by which a user can register for a new account on the DestinationBucketList app, giving them access to private bucket list functionality |
| Preconditions: | 1. The user has access to the internet.  2. The user has downloaded the DestinationBucketList app.  3. The user has not previously registered for an account on the app. |
| Postconditions: | 1. The user has successfully registered for an account on the DestinationBucketList app.  2. The user can now access private bucket list functionality. |
| Normal Flow: | 1. The user opens the app and clicks on the "Register" button.  2. The app presents a registration form, which includes fields for the user's name, email address, and a password.  3. The user enters their details and clicks "Submit".  4. The app verifies that the email address is not already associated with an existing account.  5. The app creates a new account for the user and logs them in.  6. The user is redirected to the app's main screen, where they can now access private bucket list functionality. |
| Alternative Flow: | 4a. If the email address is already associated with an existing account, the app displays an error message and prompts the user to try again with a different email address. |
| Exceptions: | If the user encounters technical difficulties during the registration process, such as a loss of internet connection, the app will display an error message and prompt the user to try again later.  The application crashes. The user is redirected to the home page. |
| Trigger: | A user decides to sign up for the DestinationBucketList app. |

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| User Case ID: | 4 |
| User Case Name: | **View destination list** |
| Actors: | User, Admin |
| Description: | The user can view the destinations that can be added to the bucket list. |
| Preconditions: | The user must be registered and logged in. |
| Postconditions: | User can view the list of available destinations |
| Normal Flow: | 1. User opens the application.  2. User sings in.  3. User selects the “View destinations”.  4. The system shows all the destinations |
| Alternative Flow: | If there are no public vacation destinations available, the app shows a message indicating that there are no destinations available. |
| Exceptions: | The application crashes. The user is redirected to the home page. |
| Trigger: | User wants to explore vacation destinations |

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| User Case ID: | 5 |
| User Case Name: | **Add public destination to bucket list** |
| Actors: | User |
| Description: | Allows a user to add a destination to their bucket list |
| Preconditions: | User has a registered account in the app |
| Postconditions: | Destination is added to the user's bucket list |
| Normal Flow: | 1. User opens the app and navigates to their bucket list.  2. User clicks on the "Add Public Destination" button.  3. User chooses one of the public available destinations to add.  4. User saves the destination to their bucket list. |
| Alternative Flow: | The user may leave one or more required fields empty. In this case, the app will prompt the user to fill in the missing information. |
| Exceptions: | If the destination already exists in the public list, the app will prompt the user to add it to their public list or create a private entry.  The application crashes. The user is redirected to the home page. |
| Trigger: | User wants to add a destination to their bucket list |

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| User Case ID: | 6 |
| User Case Name: | **Add private destination to bucket list** |
| Actors: | User |
| Description: | Allows a user to add a personal destination to their bucket list |
| Preconditions: | User has a registered account in the app |
| Postconditions: | Destination is added to the user's bucket list |
| Normal Flow: | 1. User opens the app and navigates to their bucket list.  2. User clicks on the "Add Personal Destination" button.  3. User fills in the required fields, including geolocation, title, image, description, and stay dates.  4. User saves the destination to their bucket list. |
| Alternative Flow: | 1. The user may leave one or more required fields empty. In this case, the app will prompt the user to fill in the missing information. 2. The user is asked if they also want to add the destination to the public list of destinations. If yes->system …. else.... |
| Exceptions: | If the destination already exists in the public list, the app will prompt the user to add it to their public list.  The application crashes. The user is redirected to the home page. |
| Trigger: | User wants to add a destination to their bucket list |

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| User Case ID: | 7 |
| User Case Name: | **Remove destination from bucket list** |
| Actors: | User |
| Description: | Allows a user to remove a destination from their bucket list |
| Preconditions: | User has a registered account in the app and has added destinations to their bucket list |
| Postconditions: | Destination is removed from the user's bucket list |
| Normal Flow: | 1. User opens the app and navigates to their bucket list.  2. User selects the destination they want to remove.  3. User clicks on the "Remove Destination" button.  4. User confirms the action and the destination is removed from their bucket list |
| Alternative Flow: | If wrong select->.. |
| Exceptions: | The application crashes. The user is redirected to the home page. |
| Trigger: | User wants to remove a destination from their bucket list |

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| User Case ID: | 8 |
| User Case Name: | **Modify user account** |
| Actors: | User |
| Description: | A user wants to modify their account information in the app |
| Preconditions: | User has a valid account and is logged in to the app |
| Postconditions: | User's account information is modified and saved |
| Normal Flow: | 1. User selects the "Account Settings" option in the app.  2. User selects the information they want to modify (e.g., name, email, password).  3. User enters the new information.  4. User saves the changes. |
| Alternative Flow: | 1. User decides not to modify their account information and goes back to the main menu.  2. User cancels the modification of their account information and goes back to the main menu |
| Exceptions: | The application crashes. The user is redirected to the home page. |
| Trigger: | User selects the "Account Settings" option in the app |

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| User Case ID: | 9 |
| User Case Name: | **Delete user account** |
| Actors: | User |
| Description: | A user wants to delete their account in the app |
| Preconditions: | User has a valid account and is logged in to the app |
| Postconditions: | User's account is deleted and all associated data is removed |
| Normal Flow: | 1. User selects the "Delete Account" option in the app.  2. User confirms the deletion by entering their password.  3. User's account is deleted and all associated data is removed. |
| Alternative Flow: | 1. User decides not to delete their account and goes back to the main menu. |
| Exceptions: | The application crashes. The user is redirected to the home page. |
| Trigger: | User selects the "Delete Account" option in the app |

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| User Case ID: | 10 |
| User Case Name: | **Delete destination** |
| Actors: | User |
| Description: | This use case describes the scenario where a registered user wants to delete a destination from their private bucket list. |
| Preconditions: | The user must be registered and logged into their account. The user must have at least one destination in their private bucket list. The destination to be deleted must exist in the user's private bucket list. |
| Postconditions: | The destination is removed from the user's private bucket list. The user is returned to their bucket list page. |
| Normal Flow: | The user navigates to their bucket list page. The user selects the destination they want to delete. The user clicks on the "delete destination" button. The app prompts the user to confirm the deletion. The user confirms the deletion. The app removes the destination from the user's private bucket list. The app displays a confirmation message to the user. The user is returned to their bucket list page. |
| Alternative Flow: | 4a. The user cancels the deletion and the app returns the user to their bucket list page. |
| Exceptions: | If the user is not logged in, the app prompts them to log in before proceeding. If the user's private bucket list is empty, the app displays an error message and returns the user to their bucket list page. If the destination to be deleted does not exist in the user's private bucket list, the app displays an error message and returns the user to their bucket list page. |
| Trigger: | The user selects the "delete destination" option from their bucket list page. |

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| User Case ID: | 11 |
| User Case Name: | **Log in** |
| Actors: | Admin, User |
| Description: | This use case describes the steps involved in a registered user logging into the DestinationBucketList app to access their private bucket list. |
| Preconditions: | User must be registered with DestinationBucketList. |
| Postconditions: | 1. User is logged into their private account. 2. User can access their private bucket list. 3. User can modify their account information. |
| Normal Flow: | 1. User opens the DestinationBucketList app. 2. User picks the "Login" option. 3. User enters their username and password. 4. DestinationBucketList verifies the user's credentials. 5. If the credentials are valid, the app logs the user into their private account. 6. User is redirected to their private bucket list. |
| Alternative Flow: | 4a. If the credentials are invalid, the app displays an error message and prompts the user to try again.  5a. User repeats step 3 and enters the correct credentials. |
| Exceptions: | 1. If the app is down or experiencing technical difficulties, the user will not be able to login. 2. If the user forgets their password, they can click on the "Forgot Password" button to reset it. |
| Trigger: | User opens the DestinationBucketList app and clicks on the "Login" button. |

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| User Case ID: | 12 |
| User Case Name: | **Update private destination** |
| Actors: | User |
| Description: | The user modifies the fields of a private destination. |
| Preconditions: | User logged in. The destination must be existing. |
| Postconditions: | 1. The destination is updated with the latest changes.  2. The user can see the updated version. |
| Normal Flow: | 1. User opens the application.  2. User chooses to manage destinations.  3. The app displays the current private destination list  4. User selects the destination they want to edit.  5. User modifies the data (geolocation, title, image, description).  6. User submits the updated destination.  7. The system validates the data.  8. App displays a text “Private destination successfully updated”. |
| Alternative Flow: | - |
| Exceptions: | 1. The user enters invalid data or uncompleted field. Error message and return to step 5.  2. The application crashes. The user is redirected to the home page and will have to redo the update process. |
| Trigger: | The user wants to modify the private destination |