Use Case: Create a trip

## Brief Description

The goal of this use case is to create a trip, which will be published and stored in the database for access by other users.

# Included Use Cases

N/A

# Preconditions

User is authenticated and authorized.

# Flow of Events

## Basic Flow – The Create Trip page is launched

1. This use case begins when the user accesses the Create Trip page.
2. The system presents the New Trip form
3. The system allows for the user to enter data for the trip including a Title, Description, and comments.
4. The user selects the Start Trip button
5. The system stores the trip under a unique ID in the database
6. The use case ends.

## Alternative Flows

None

## Exception Flows

E1: System determines there is no information onr incorrect information stored in one of the fields

1. This flow begins when the System determines there is no information onr incorrect information stored in one of the fields Reference: basic flow step 3.
2. The system presents a message telling the user they must fill all fields accurately
3. The system waits for the user to finish entering data
4. The user successfully enters data and selects create trip
5. The use case ends.

# Requirements

# Post-conditions

1. *The system presents a Trip successfully started notification.*
2. *The system stores the newly created trip to the database for later recall.*

# Notes & Open Issues

Q1: Should we automatically add the first stop in the trip?

A1: We will have to determine if that is wanted with user feedback. It is possible people will forget to add the first stop.

Q2: Do we need to allow for more special characters or any further restrictions

A2: Profanity filter or something of that nature may be necessary, we will need to watch for addresses containing additional special characters.

# Out of Scope (Future Functionality)

None

# Appendix A – Data Definition for Report List

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Field Name** | **Description** | **Type** | **Valid Values** | **Default** |
| Title | Title for new Trip | Text | Not blank, Alphanumeric and these special characters  -,.:”! | N/A |
| Description | User given description for new trip | Text | Not blank, Alphanumeric and these special characters  -,.:”! | N/A |
| Comments | any additional information, metadata | Text | Alphanumeric and these special characters  -,.:”! | N/A |