

## USER STORIES

### ***1. As a user, I want to log in and out in order to protect my data and go back to my itineraries later.***

- User opens the app and enters the homepage
- The User clicks on the login button which brings them to the login page
- The user can select two options on the login page:
  - If they already have an account:
    - the user logs in using a username/email and a password
  - If they do not have an account:
    - the user will be redirected to a signup page where they can create an account using an email/username and a password.
      - If the username already exists, the user will be prompted to use a different one.
      - If the username does not exist, the account will be created.
    - After creating the account, they will be redirected to the login page where they can log in using the newly created account.
- If the account entered in the login page exists:
  - User will be directed to an account page that includes:
    - A planning page
    - A page that saves previously planned trips
    - An account information page where the user can manage their personal information (like username, password, etc.)
- User can log out anytime using a logout button
  - If the user uses the logout button then:
    - After logging out, the user will see a page confirming they have logged out
    - The user is redirected to the homepage (the same page seen before logging in).
    - After logging out, no personal information can be found on the planning page unless the user logs in again
  - If the user does not click the logout button:
    - The user will be automatically logged out if they close the webpage.

**2. *As a vacationer, I want to make a trip itinerary in order to find a trip overseas within my budget and time constraints.***

- User opens the app
- user opens the planning page.
  - if there is no itinerary, it will automatically start an itinerary
  - otherwise, it will bring up a list of existing itineraries
- User adds/modifies the trip and enters the budget, location and time period of their trip.
  - If budget is not entered, assume there is no budget limitation
  - If location is not entered, prompt the user to enter a location
  - If a time period is not entered (missing either a starting data, ending data, or both), do not let the user pass and re-prompt the user to enter a time period
- Results display different hotel options and flight options that fit within the budget constraint
  - users can select one or more flights/hotels to add/star
  - users can click on links to external websites to book hotels/flights or to see additional information
- The user can choose to save this itinerary to their account by clicking a save button.
  - If the user clicks save:
    - the itinerary is saved: the itinerary and all its information will be saved to the account and will be accessible at a later time by clicking on the “trips” tab after logging in.
  - If the user does not click save:
    - The itinerary is not saved to the account and all the information is lost.

***3. As a visitor to a new country, I want to search for hotels and restaurants nearby in order to fill time during my vacation. The happy path would be if everything below (apart from the edge case), happened seamlessly with no interruptions.***

- User opens the app
- user is asked to log in or register for first time user
- user goes to the planning page
- if there are no trips, a trip will automatically be created
  - user inputs information, and flights/hotels are recommended
  - in addition, there will be a recommendation of many things to do in the area, this is independent of budget
  - user can also use a search feature to search for things in the area to do
- otherwise the user can select to create a trip or edit an existing one
  - user will not have to re-input information (but can change as well)
  - user can once again get a recommendation of things to do and search for things to do, this is independent of budget
- Search results are displayed as a list and user can scroll through all the options
  - User can save their favorite ones to a clipboard for later
  - this saving is tied to the trip, if user deletes the trip this information will be gone
- Edge case/exception: if the user leaves the search field blank but still clicks “return” to forcefully display any search results
  - Error message would be shown to prompt the user to input information (hotel name, location, etc.)
  - popular places can be seen under a “popular” section
  - a random place can be seen with a “random” button

***4. As a user, I want to be able to save my planned trip in order to be able to make a trip itinerary and also plan multiple trips.***

- User opens the app
- User logs in using log-in page
- user enters the planning page
- User type in a search bar to search for a trip, alternatively, the user can just scroll down the list to find a trip
- after the user edits/creates a trip, there will be an option to save
- If user clicks save:
  - Trip itinerary is saved to the user's account.
  - User can click go back to the main planning page to view a list of all trips
  - user will also be able to search up this new trip using a search bar on the planning page
- If user does not click save:
  - the user will be prompted with a menu that says, "are you sure you don't want to save. If you don't save, all the information will be lost!"
    - if the user does not save, the trip itinerary is not saved to the account and it cannot be viewed again
    - all the information is lost
  - if the user saves, everything proceeds as normal
  - if the user quits the page before clicking save, it does the same thing as not saving
- under a trip, the user also has the ability to share/export the trip
  - this will copy out the information in a text format so that it can be copy/pasted somewhere else (such as instant messaging, email, notepad, ... etc)

- *As a user, I want to be able to select which currency I want to use when planning.*
- User opens the app
- User logs in using log-in page
- User clicks on the trips page
  - if the user already has trips, it will be prompted to either create a new trip or edit an existing trip
    - if the user creates a new trip
      - user selects a currency using a search and/or a drop-down menu
      - if the user has a default currency, it will be automatically filled
      - if the user does not select a currency and does not have a default currency, they will not be allowed to proceed and will be prompted to select a currency
    - if the user edits an existing trip
      - user selects a currency using a search and/or a drop-down menu
      - If the user does not click on a currency during the editing process, the currency will revert back to what it originally was
  - if the user does not have a trip, it will automatically start a new trip and prompt the user to fill it out
    - if the user has a default currency, this will automatically fill out the currency
- user can click on a specific trip to see the details
  - all information concerning budgeting/costs should now be reflected in the new currency
- user enters on the profile/account information page
  - here, using a search/drop-down menu, the user can modify the default currency to be their own currency

## **SUMMARY OF USER STORIES**

1. Ability to *login* and *logout*
2. Ability to use *where*, *when*, *how*, and *budget* to plan a trip.
3. Ability to *recommend* places nearby to do (this is independent of budget)
4. Ability to *create/plan/save* multiple trips
5. Ability to *convert* between currencies during budgeting for users around the world