

Screen Sketches

MS3_3
ItineraryBuddy

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Actors

1. User:
 - a. Manage personal itineraries
 - b. Like, comment, share, and save itineraries
 - c. Create groups
 - d. Join a group
 - Contribute to itinerary
 - Chat with a group
2. Travel Ambassador:
 - a. Create travel groups
 - Access to advanced itinerary creation tools
 - Have the ability to create a travel blog
 - b. Ambassador badge for recognition
3. Administrator:
 - a. Moderate user content
 - b. Manage user roles and permissions
 - Can block/ban users
 - Can downgrade Travel Ambassadors

Non-functional requirements

- The application must be able to support use by four or more users at a time.
- Users should not have to wait more than 5 seconds for elements to respond (UI or data).
- The application needs to support the three different user types.
- The application needs to be able to stop two users from trying to edit an itinerary at once.
- The app should be compatible with mobile platforms (Android)
- The user interface should be intuitive and user friendly, requiring minimal training for new users.
- The codebase should be well-documented, making it easy for developers to understand and maintain.

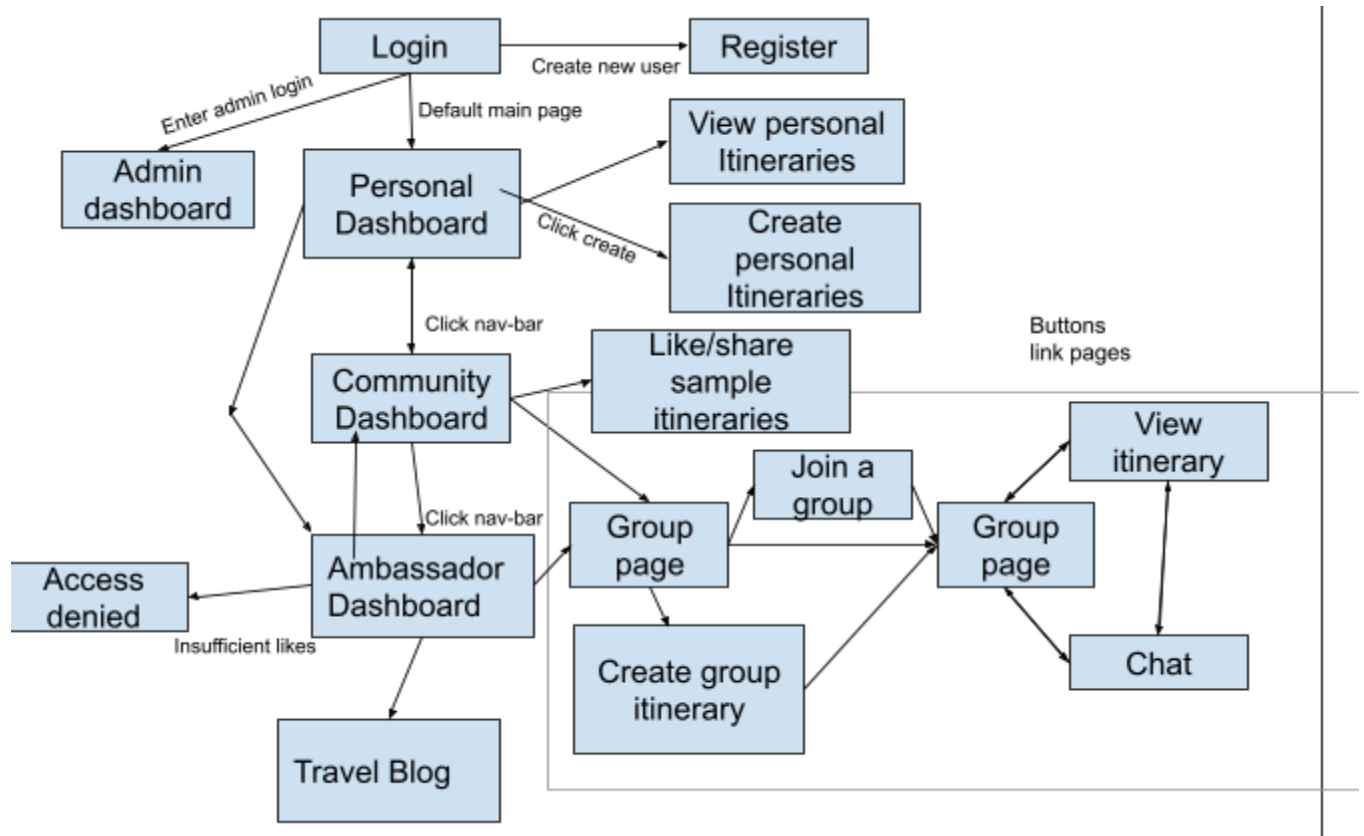
Data Tables and Fields

- User data (data based on the current user):
 - User ID Primary key
 - Username
 - Email
 - Password
 - User type
 - City
 - Number of posts
 - Number of likes

- Itinerary (stores details related to an itinerary plan):
 - Itinerary ID Primary key
 - Location
 - Date created
 - Trip start date
 - Trip end date
 - Public or private
 - All events of a trips and associated (to be displayed as a table):
 - Day
 - Date
 - Time
 - Places
 - Notes
 - Any associated images

- Travel Group:
 - Group ID Primary key
 - List of members
 - Leader
 - Chat data

Screen Flow Diagram



Personal Dashboard - Aina Azman

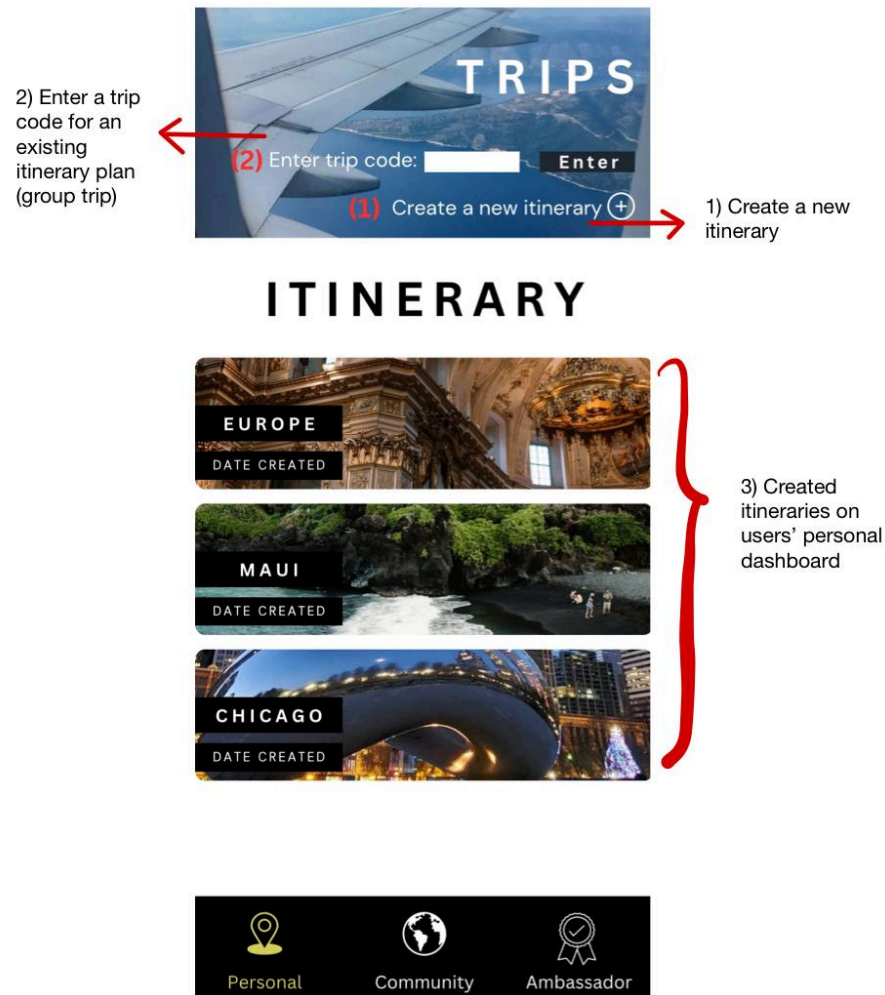


Figure 1 Personal Dashboard

This serves as a personal dashboard screen where users can formulate their individual or group itineraries. Upon clicking the floating button adjacent to the 'Create a new itinerary' text, users can initiate the creation of a new itinerary (1). The system will then prompt them to input their general location, along with the trip's start and end dates. Additionally, an 8-digit trip code or group code is automatically generated for each itinerary. This code is intended to be shared with other group members, enabling them to contribute, discuss, and view the trip plan. To join a specific itinerary, group members simply need to enter the trip code in the designated area, press enter, and the itinerary list will appear on their dashboard (2).

Create Itinerary- Aina Azman

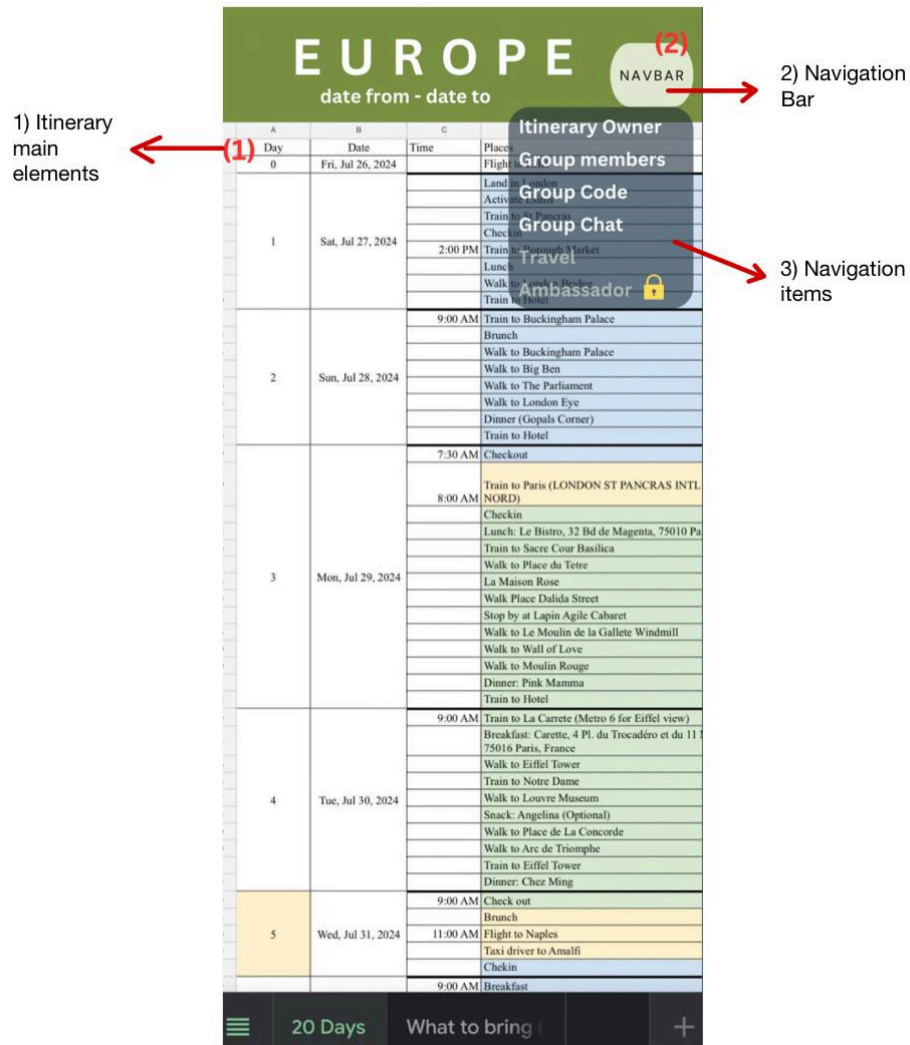


Figure 2 Itinerary Template

Once the user has successfully crafted an itinerary on their personal dashboard, a click on the list will unveil the page template for the schedule, structured in the form of a table. The initial columns awaiting completion include 'Day' (representing the trip's duration in days), 'Date', 'Time', 'Places', and 'Notes' (1). Users have the flexibility to incorporate additional columns based on their specific requirements.

Situated at the top right of the page is a navigation bar, featuring options such as 'Itinerary Owner,' 'Group Members,' 'Group Chat,' and 'Trip/Group Code.' (2) Opting for the 'Group Chat' item in the navigation bar will direct users to the group chat page, while selecting other options will display pertinent information associated with each. The 'Travel Ambassador' will be locked if the user is not an ambassador, while those users who are categorized as travel ambassador will be able to navigate the item and explore the ambassador page and make use of the advanced creation tools.

Group Chat - Jackson Collalti

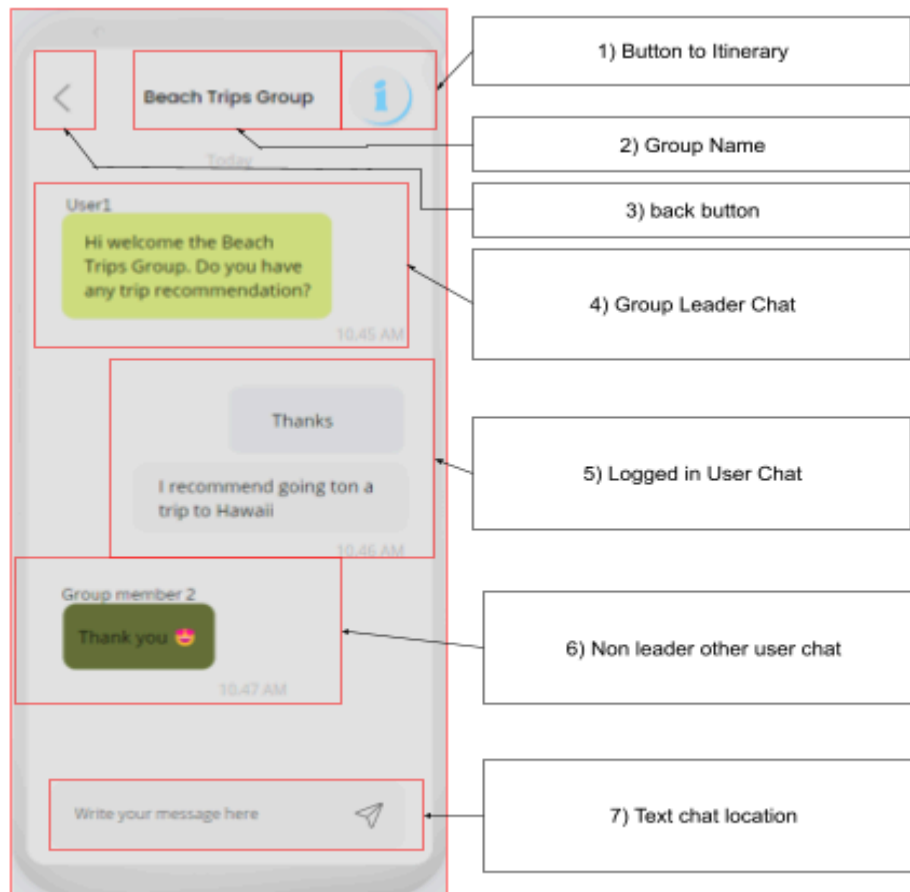


Figure 3 Group Chat

The group chat feature is a way for groups of users to discuss and plan upcoming trips with each other. Group chats aren't openly public, meaning you must be a group member in order to contribute to the conversation. Once a group member, the new user can begin posting messages to the message board.

The first part of the chat is the group information (2), which showcases the group name. The itinerary button (1) is used to link the group itinerary from the chat page. The back button (3) is used to go back to the group page. The messages are formatted by showing the username of the sender above the message and a text block with the color of the type of sender: bright green for the group leader (4), blue for the logged-in user (5), and dark green for non-leader members (6). Finally, at the bottom, the user will find a box to input text into to send to the group chat. The message will be sent as it is typed from the active user (7).

Group Page- Jackson Collalti

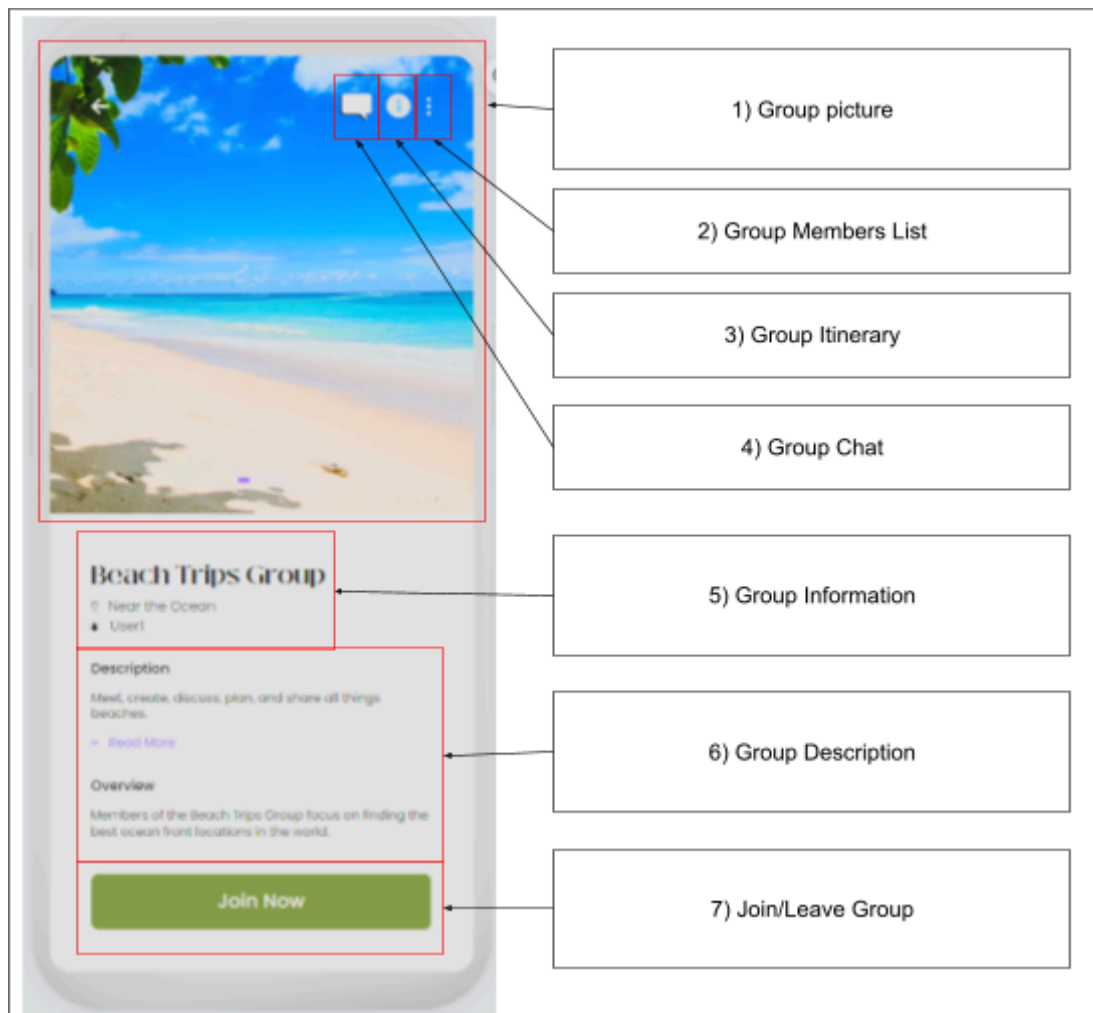


Figure 4 Group Page

The group page is meant to showcase a brief summary of the group, showing key information. This page also acts as the group home page.

The page is broken down into several parts. The top half contains a photo to represent the group (1). The top right contains group interactions such as showing member lists (2), link to the group itinerary (3), and link to the group chat (4). The group information contains the group creator (group leader) and location at the middle of the page (5). Below the group information is the description of the group (6). At the very bottom is the join button (7). If you are already a member, this will show a leave group button(7).

Ambassador Dashboard- Justin Sebahar

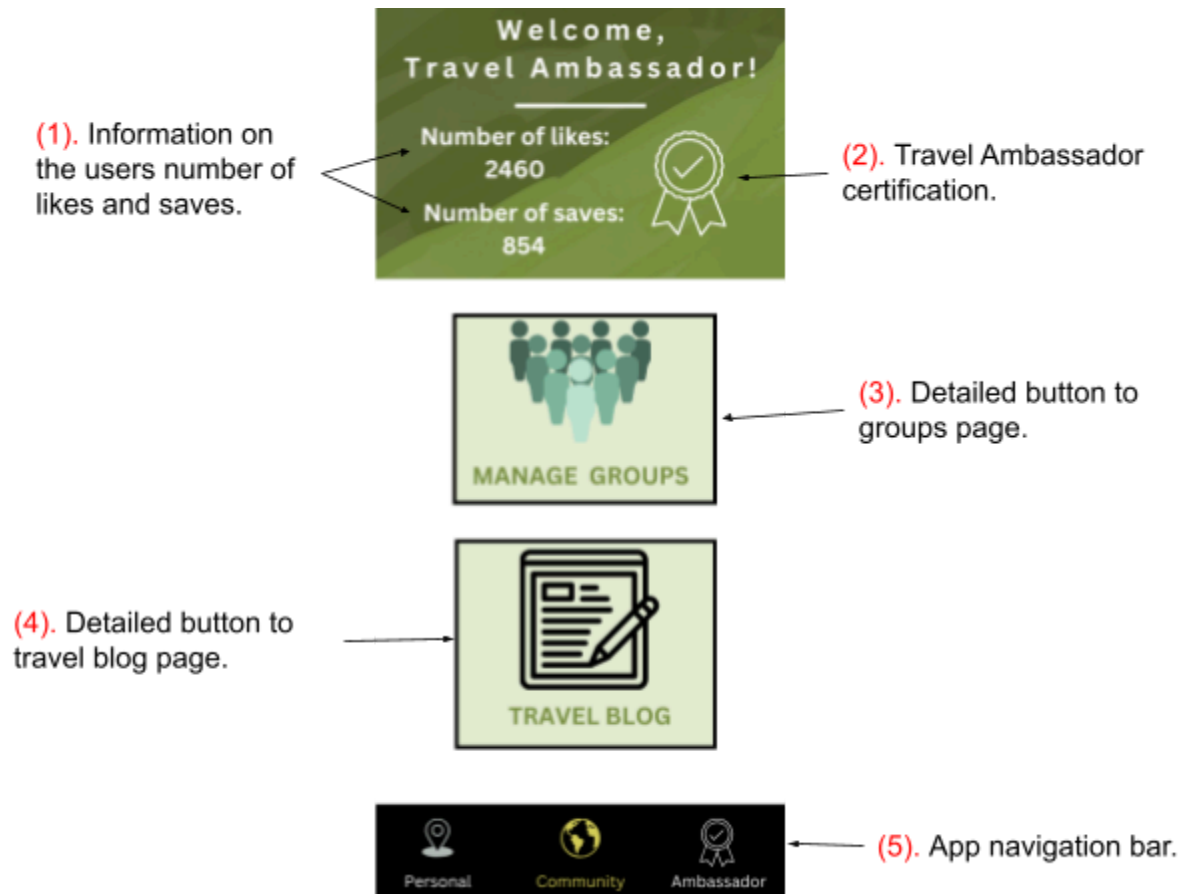


Figure 5 Travel Ambassador Dashboard

The Travel Ambassador dashboard is the headquarters of all things related to the travel ambassador. There are certain requirements for a user to be made an ambassador. For instance, a user may be upgraded to Ambassador should they receive at least 1500 likes and 600 saves. (1) shows the user's current progress toward that goal. Once accomplished, the user becomes a certified Ambassador, given by the badge (2).

An ambassador can do many things in addition to normal users. For starters, an ambassador may create and manage travel groups (as shown in figure 5). They may be taken to this page by clicking the button (3). Additionally, an ambassador may take part in travel blogs, and this page is reached with button (4). Finally, the nav-bar to simply visit through the main pages (5).

Admin Dashboard- Justin Sebahar

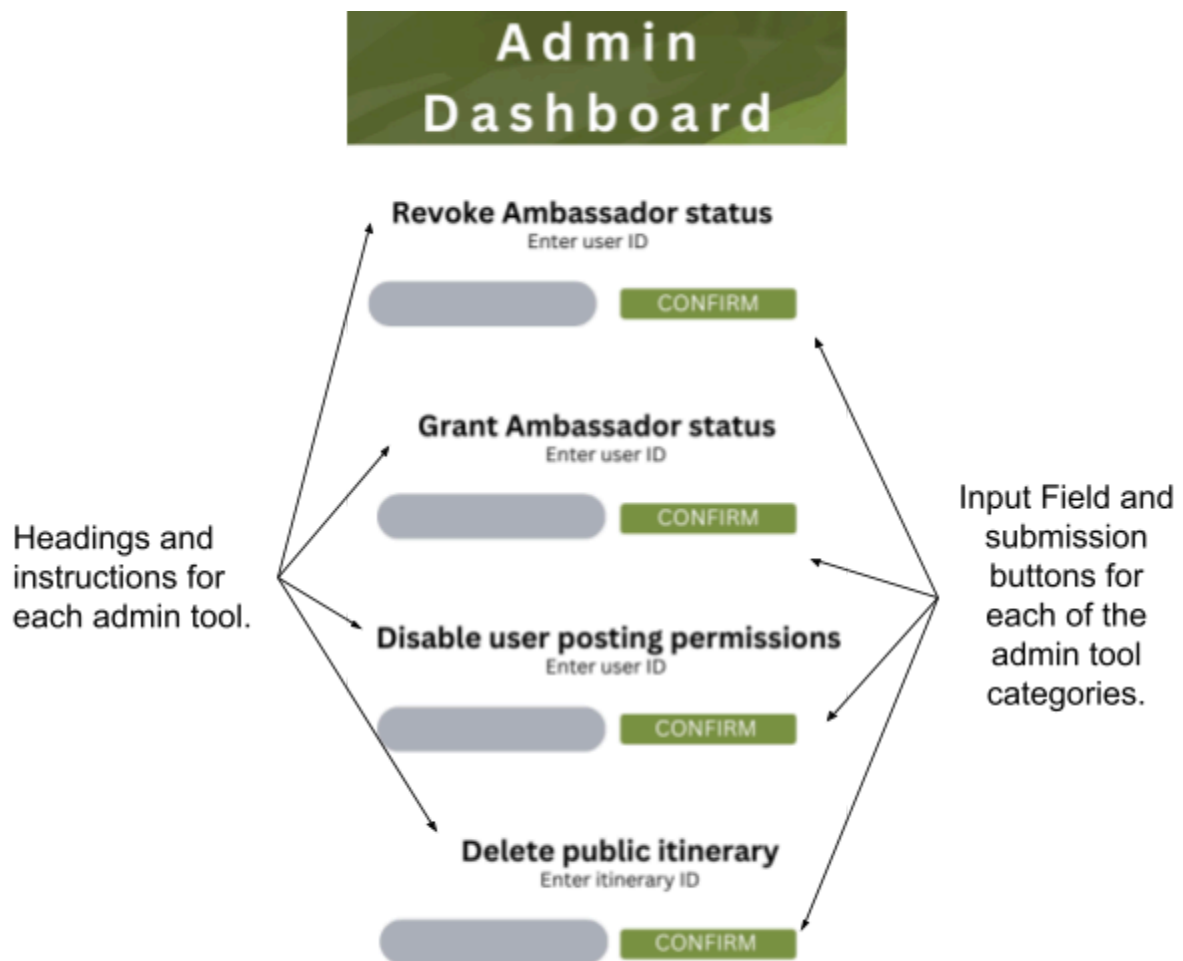


Figure 6 Admin Dashboard

This screen will only be accessible by an admin user. A rather simple, but necessary tool for an admin. It is the dashboard that will allow admins to control and moderate users and itineraries that are posted, along with account statuses.

An admin may revoke access to an Ambassador if that is needed for whatever reason, such as policy violations. An admin can also grant Ambassador status as they see fit, such as to resolve an account error.

Additionally, an admin may disable a user from being able to post public itineraries, should they violate any policies, such as posting inappropriate content. With that, the admin can also delete a public itinerary as they deem necessary.

Community Dashboard - Noah Pater

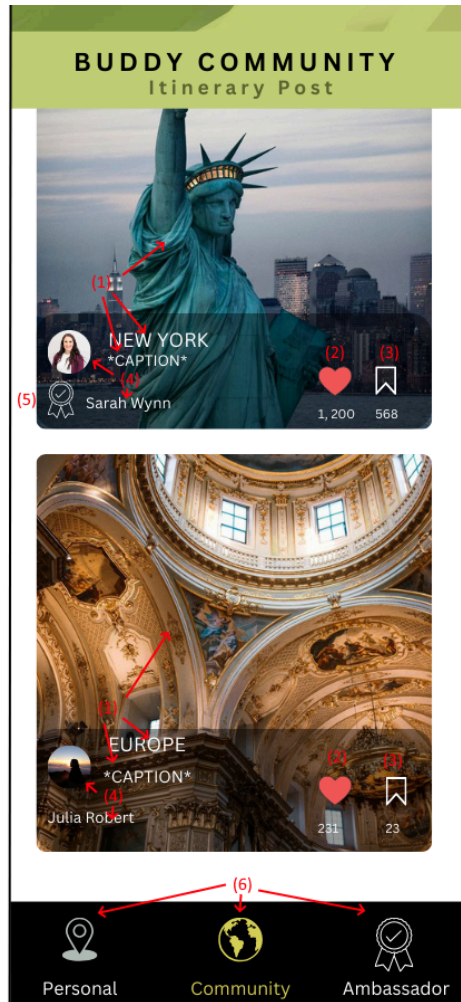
(1) Location name, picture(s), description of place

(4) Picture and username of user

(5) Ambassador Certification

(2) Like itinerary, see how many likes it has.

(3) Bookmark itinerary, see how many bookmarks it has.



(6) Navigation Options

Figure 7 Community Dashboard

This serves as a community dashboard within the ItineraryBuddy application, enabling users to share their past itineraries, akin to Instagram but centered around travel plans rather than images or videos. The primary objective of this page is to offer inspiration, ideas, and guidance for fellow users in planning their trips. The process of sharing itineraries mirrors the familiar approach of posting pictures on Instagram, utilizing a similar system. Users have the ability to engage with posted itineraries by 'Liking,' 'Commenting,' 'Sharing,' and 'Saving.' Notably, itineraries shared by travel ambassadors will feature a distinct travel ambassadors icon.

Ambassador Blog Page - Noah Pater



Figure 8 Ambassador Blog Page

The ambassador page allows users to search for ambassadors and locations that they campaign. The page is split up into two different subsections, Locations and Ambassadors. In the location tab, users can view the different pictures and locations of where they can go, and find supporting ambassadors for that location. Alternatively, in the ambassador page, they can navigate through the different ambassadors and see which areas they cover. Each ambassador can add a caption about themselves to let the user know more about them.