

# **Komoot Features and Analysis**

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## **1. Goals and Justification Of This Document**

The Goal of this document is to examine which features and values the Kamoot app offers to its users. Although our asu sponsor has not explicitly stated anything more than just using a map and gpx files to mark special locations on a route, it is good to know the business domains and industries our app may be competing against.

## **2. Summary of Komoot**

Kamoot describes itself as “From ready-built routes that reveal all of nature’s best-kept secrets, to superior route planning and navigation tech that lets you decide what you want to discover, komoot makes it easy to explore more of the great outdoors—wherever and however you want.”

### 3. Terms and Definitions

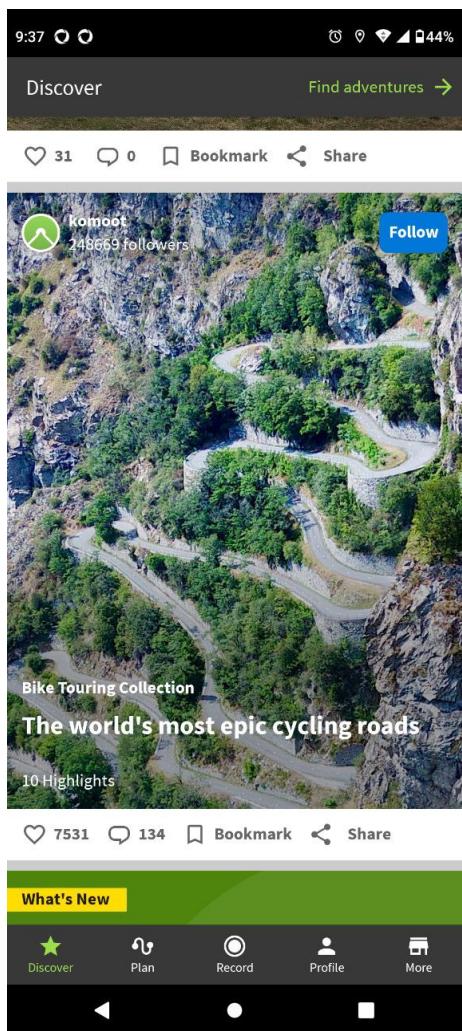
Below are some useful terms in evaluating the Komoot app.

**Tour:** A planned route for an outdoor activity, which can include details such as distance, elevation, and highlights.

1. **Waypoint:** A specific point on a tour where you can add notes, photos, or adjust the route.
2. **Highlight:** A point of interest along your route, such as a scenic spot, a historical landmark, or a good photo opportunity.
3. **Turn-by-Turn Navigation:** Audio or visual instructions provided by the app to guide you along your planned route.
4. **Offline Maps:** Maps that can be downloaded to your device for use without an internet connection, useful for remote areas.
5. **Collection:** A group of saved tours, waypoints, or highlights for easy access and organization.
6. **Tour Planner:** A tool for creating and customizing your own routes for outdoor activities.
7. **Sync:** The process of updating your data between the Komoot app and the Komoot website.
8. **Profile:** Your user account on Komoot, where you can manage your settings and preferences.
9. **Komoot Premium:** A paid subscription that offers additional features such as weather forecasts, multi-day planning, and more detailed map layers.
10. **Tour History:** A list of all your completed and planned tours, making it easy to access your past activities.
11. **Discover:** A feature that suggests new routes and tours in your area based on your preferences and location.
12. **GPX Import/Export:** A file format used for sharing and importing routes between devices and other apps.
13. **Komoot Community:** A social aspect of the app where users can share their tours and connect with other outdoor enthusiasts.
14. **Collection Sharing:** The ability to share your collections with others, making it easy to send routes to friends or collaborate on plans.

## 4. How This App will Be Examined

This document will examine this app's three types of users and the five types of activities that can be done on this app. There are experience walls and pay walls that prevent the user from using certain features of the app. For the most part there are three primary activities that get additional context depending on the sport chosen and social involvement with the app, which can become a primary activity in its own right for some users.



## 5. The Three User Types of This App

There are three types of users that use this app.

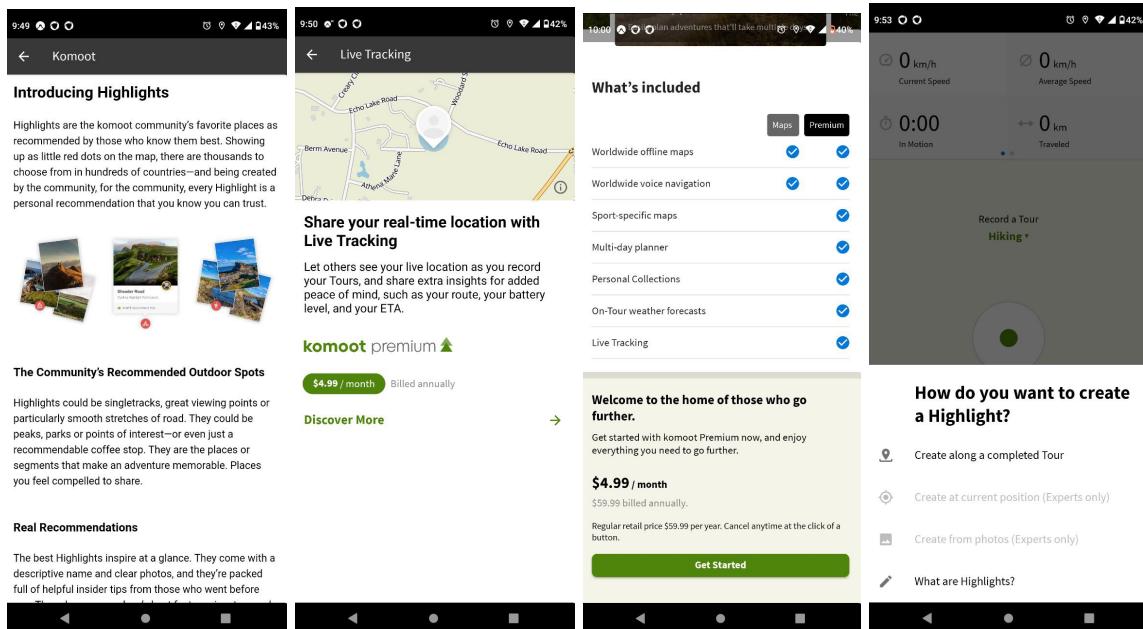
The free user, the base user, is able to use most of the activities in this app mentioned in below sections. The free user is able to choose a sport and then choose a template route, a custom route, or create a route as they go.

The experienced user has used this app for some time and has earned some sort of accomplishment that allows them to pass this experience wall and make highlights to routes that they are on. Free users, also considered base users in this document, do not have this ability.

The pay user is able to spend monetary funds to have access to a few additional features that the experienced and free/base user are unable to access. The user can sign up with komoot premium that provides live tracking, sport specific maps, a multi day planner, world mapping pack, weather forecasts, and personal collections, which are your favorite tours and highlights organized as you see fit.

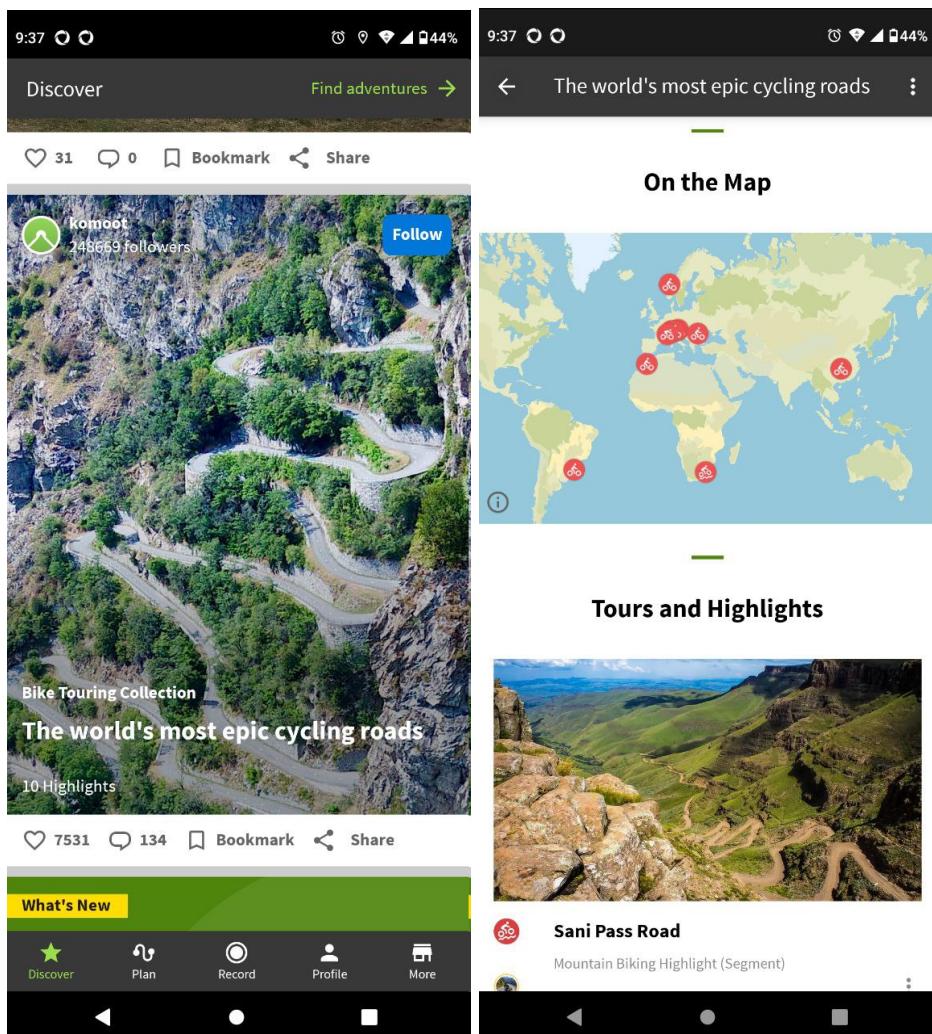
The premium service costs \$4.99 when billed annually.

The user may also pay for a bundle of maps currently for \$19.99. These maps let the user know of certain sports activity routes that they normally can't discover.



## 6. The Template Routes(Pre Planned)

The app gives you a host of certified routes for a given sport. Once a route is chosen the app may guide you to the location and track your progress on this route. By default there are voice directions as well a visual clues guiding the user. A map is shown with your current location, current speed, duration, and distance traveled. This is true for the next two activities, although this activity will try and keep you to this predefined route.



The image shows a mobile application interface with two main sections displaying trail routes.

**Left Section: Headquarters Lake Loop – Kenai National Wildlife Refuge**

- Icon:** Hike
- Difficulty:** Easy
- Distance:** 1.61 km
- Time:** 26 min
- Description:** Easy hike. Great for any fitness level. Easily-accessible paths. Suitable for all skill levels.
- Details:** 5.22 km from Soldotna

**Right Section: Centennial Park Trail loop – Soldotna, Alaska**

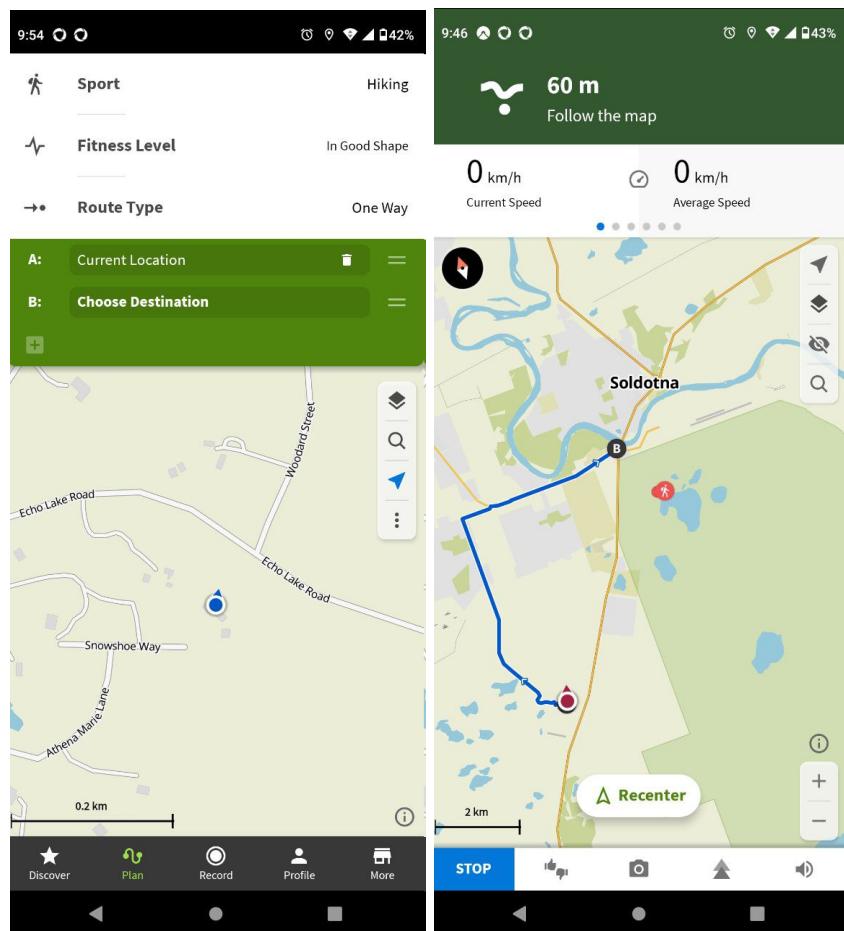
- Icon:** Hike
- Difficulty:** Easy
- Distance:** 5.92 km
- Time:** 58 min
- Description:** Easy hike • 5.92 km from Soldotna • Great for any fitness level. Easily-accessible paths. Suitable for all skill levels.

**Common Interface Elements:**

- Top bar: Shows time (9:40, 9:43), battery (44%), and signal strength.
- Search bar: "Map area".
- Filter button: "Filter".
- Scale bar: "30 km".
- Bottom navigation bar: "Discover" (highlighted), "Plan", "Record", "Profile", "More".
- Bottom control buttons: Back, Home, Recent Apps.
- Right side panel: "Waypoints" tab selected, "Send to Device" and "Navigation" buttons.

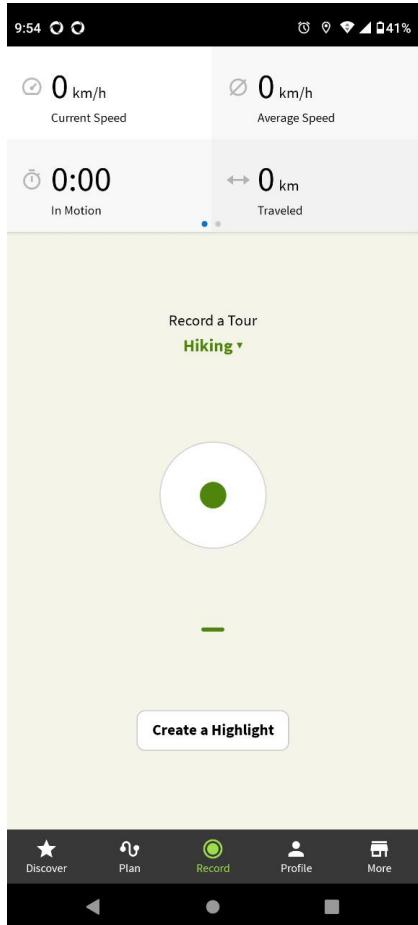
## 7. The Custom Routes(Planning)

The user has the ability to create custom routes on a map. Once the route has been chosen and additional metadata has been added, like the type of sport or difficulty of the route, the app functions just like a pre planned route.



## 8. Create Routes As You Go(No Planning)

This activity is the simplest of them all. As soon as you indicate to the app that the user wants to just record a route, the app switches to a map and provides only where the user has been, the users speed and distance, and the time elapsed. If you are an experienced user you have the ability to add highlights to this unplanned route. The user does not have to provide the activity type, unless they want to save this as a planned route for use in the future.



## 9. The Sporting Activities For the App

To name a few this app tracks the following activities, although not limited to, bike touring, mountain biking, road cycling, hiking, and running. There are a few uncommon tracking sports such as mountaineering, endurance mountain biking, and gravel riding. You are able to see social posts related to a sport activity you follow, allowing you to connect to like minded people. You are also able to see certain routes that are for certain sporting activities. The user will have to choose a sporting activity for any pre planned route or planned route. It is tied into the application, unless the user wants to create a route as they go, but in order to save this route the user will need to identify the sporting activity.



## 10. The Social Aspect Of The App

The social aspect of the app is very similar to facebook or x.com posts. There exists the following social metrics: how many you are following, how many follow you, likes to a post, and number of comments to a post. You are able to bookmark and share posts. You are able to connect facebook contacts and your phone contacts to this app. You also have the ability to have “close friends” that are able to see more of what you are doing, such as planning routes and completed tours. Finally this app offers the ability to share real time positions of its user.

