

A stylized landscape illustration featuring a blue mountain range on the left with three dark evergreen trees, a yellow sun partially obscured by a dark treeline, and a red mountain range on the right. The sky is a light beige color with several soft, purple, cloud-like shapes. The text 'TRIPPLANNER' is centered in the upper half, and 'Your journey starts here ...' is centered below it.

TRIPPLANNER

Your journey starts here ...

PROJECT DESCRIPTION

Summary

Trip Planner is an online outdoor trip planning service that allows users to prepare for trips easily. Users must create a profile to begin planning. From there, users can log in and utilize the Events page to create a trip. After a trip is created, users have the option to delete the trip or modify it through the Trip Summary page. The Trip Summary page can be accessed by clicking on the trip on the Events page. Users can use the Trip Summary page to create trip view general information about the trip, add gear items, create a menu for the trip, or view the trip's location on a map.

Problem Solved

Trip Planner is an all in one trip planning application. All your information is in a one place and can be accessed anywhere. We are beginner friendly by providing suggestions for trips and food. We saw a gap in the market for all types of outdoor trips. Our competitors only support hiking or vacation trips.

TECHNOLOGIES USED

Frontend

- HTML
- Bootstrap
- CSS

Python Libraries

- Folium
- Geopy
- Datetime
- werkzeug.security

Backend

- SQLAlchemy
- Flask
- Python
- Javascript
- Json

FEATURES



SECURE LOGIN



PLAN TRIPS



PLAN MEALS

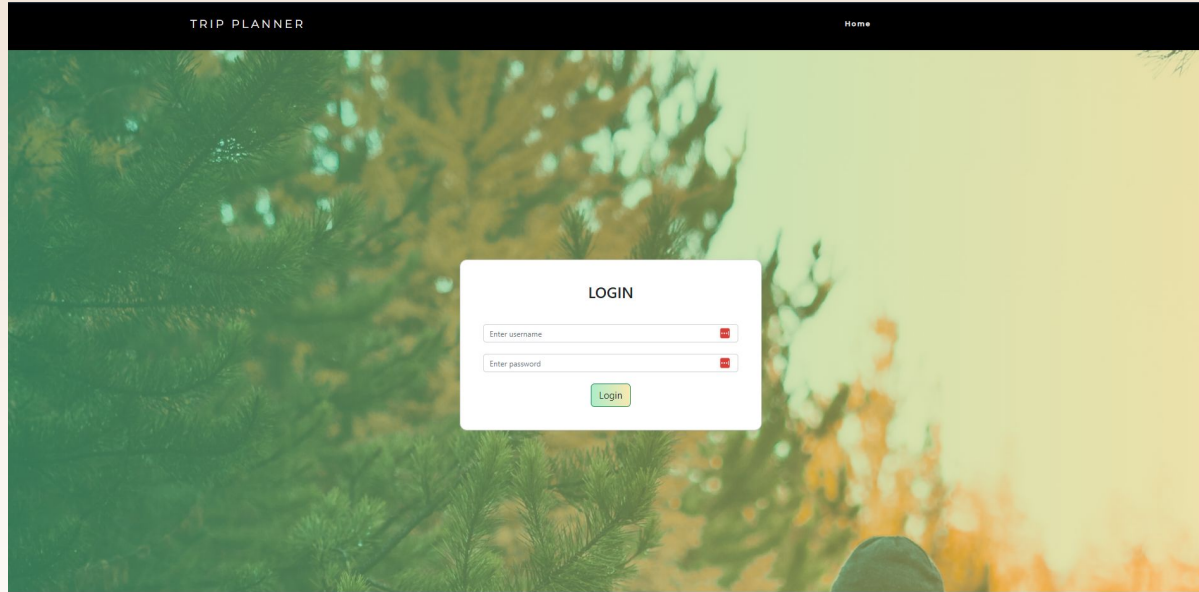


CONNECT WITH FRIENDS




GET SUGGESTIONS


LOGIN PAGE



TRIP PLANNER [Home](#)

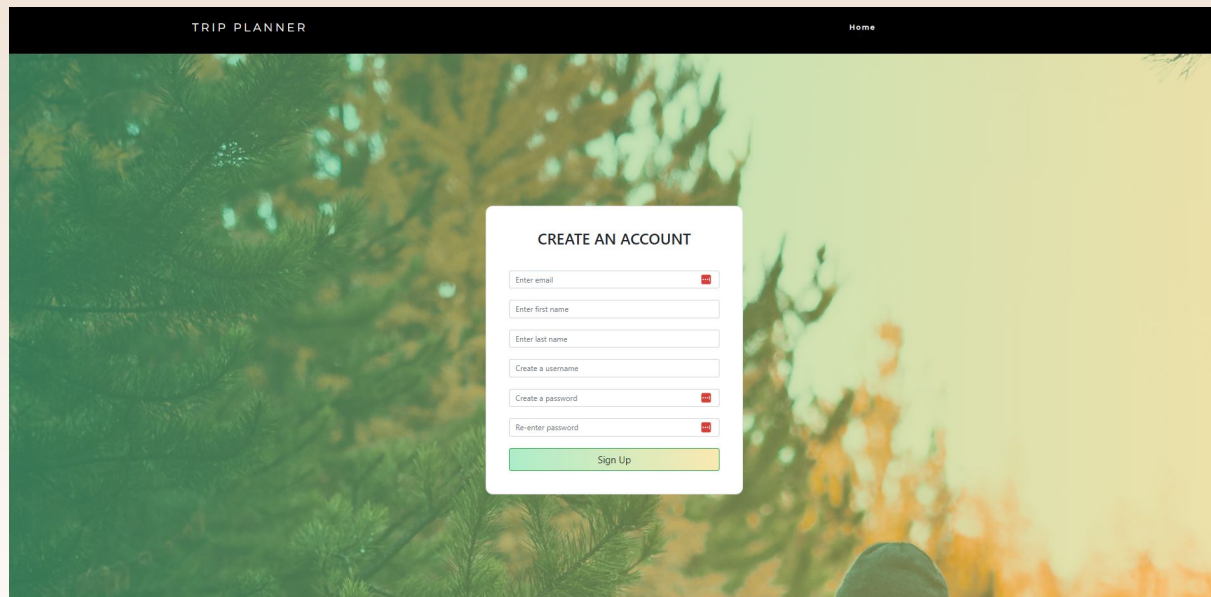
LOGIN

Enter username 

Enter password 


Login

SIGN-UP PAGE



TRIP PLANNER Home


CREATE AN ACCOUNT


Enter email 

Enter first name

Enter last name

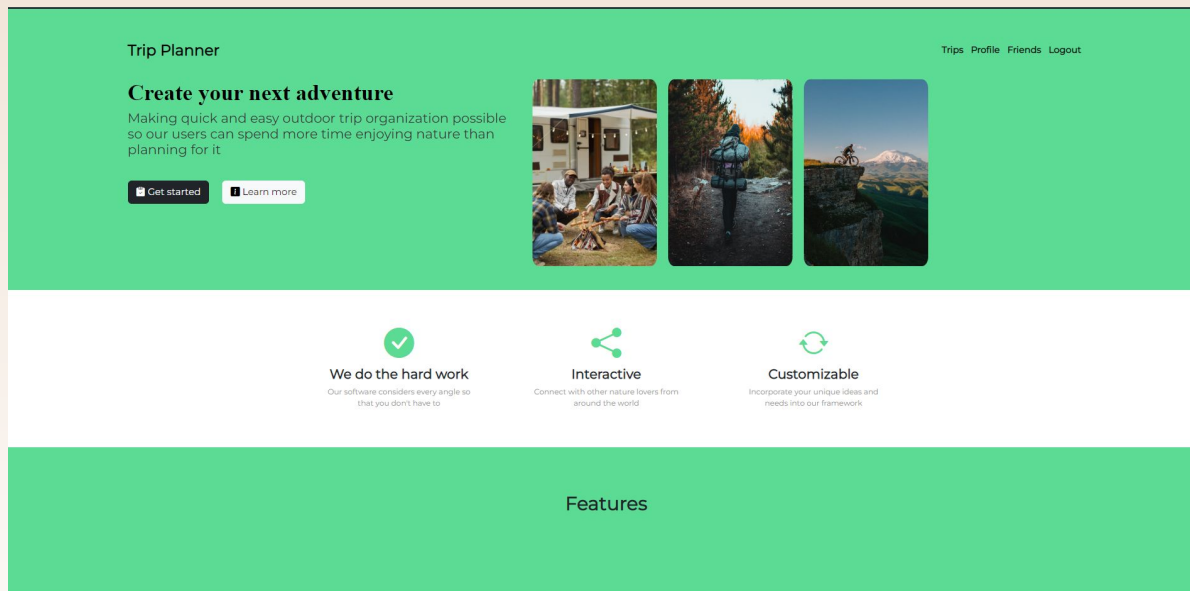
Create a username

Create a password 

Re-enter password 

Sign Up

HOME PAGE



CREATE TRIP PAGE

TRIP PLANNER

HomeMapSuggestionsMenuLogout

My Trips

Full Moon Bike Ride
Trip has already occurred.
Delete Trip

Backpacking at Grayson Highlands
Trip in 15 days.
Delete Trip

CREATE NEW TRIP

Trip Name

Trip Description

Location

Trip Type

Backpacking

Date

mm/dd/yyyy

Time

12:00 PM

Number of Participants

Submit Trip

TRIP SUMMARY PAGE

TRIP PLANNER

HomeMapProfileLogout

Full Moon Bike Ride

Join our Trip Leaders for a night ride on the Cade's Cove loop in the Great Smoky Mountains! Explore this 11 mile stretch of paved trail and get a unique look at the surrounding scenery while it is lit up by a full moon!

General Information

Activity Type:

Date:

Number of People:

Menu

☐ Campfire Nachos

☐ Sausage Breakfast Sandwiches

☐ View All Your Meals

☐ Need More Ideas?

Gear List

☐ tent-3

☐ water-2

Add Item


[View Gear List](#)

Map

TRIP SUGGESTIONS


Trip Planner

TripsProfileMapFilter




Explore Cape Town, South Africa

[Create Trip](#)




Go Back in Time in Zanzibar, Tanzania

[Create Trip](#)




Witness the Pyramids of Giza, Egypt

[Create Trip](#)




Experience Victoria Falls, Zimbabwe and Zambia

[Create Trip](#)




Wander the Souks in Marrakesh, Morocco

[Create Trip](#)




Go Gorilla Trekking in Rwanda

[Create Trip](#)




Watch the Sun Rise over the Dunes in Sossusvlei, Namibia

[Create Trip](#)




Find Serenity by the Sea and in the Sahara in Tunisia

[Create Trip](#)




Summit Mount Kilimanjaro in Tanzania

[Create Trip](#)




Go on Safari in Kruger National Park, South Africa

[Create Trip](#)



See the Great Migration in Masai Mara, Kenya

[Create Trip](#)



Descend into the Ngorongoro Crater on Safari in Tanzania

[Create Trip](#)

MENU PAGE

TRIP PLANNER

HomeTripsRecipe SuggestionsLogout

My Meals

Campfire Nachos

Delete Meal

Sausage Breakfast Sandwiches

Delete Meal

CREATE NEW MEAL

Meal Name

Meal Description

Meal Type

Breakfast

Number of Servings

Submit Meal

MENU SUMMARY PAGE

TRIP PLANNER

HomeTripsProfileLogout

Campfire Nachos

A beloved happy hour classic, now being served at a campground near you. What better way to end the day outside than with a cold beer, warm campfire, and a big plate full of cheesy nachos?

General Information

Meal Type: breakfast

Number of Servings: 4

Grocery List

☐ apple--1

Item


Quantity

Add Grocery Item

MENU SUGGESTIONS

TRIP PLANNER


HomeTripsProfileLogout



Campfire Nachos

A beloved happy hour classic, now being served at a campground near you. Vibeat better way to end the day outside than with a cold beer, warm campfire, and a big plate full of cheesy nachos!


[View Recipe](#)



Easy Chickpea Curry

Packed with plant-based protein, completely filling, and loaded with flavor, these curried chickpeas with coconut milk continues to be a recurring camping favorite.


[View Recipe](#)



Sausage Breakfast Sandwiches

These sweet & spicy breakfast sandwiches are the perfect in-hand meal to get your morning started off right.


[View Recipe](#)



One Pot Pasta Primavera

This one-pot pasta dish captures the freshness and excitement of spring camping. Loaded with veggies and tangy goat cheese, this Pasta Primavera is a quick and easy meal to throw together at the end of the day.


[View Recipe](#)



Sweet and Spicy Sriracha Trail Mix

Blending the sweetness of honey, the spice of sriracha, and a savory-salty pop, this quick and easy trail mix brings together a trifecta of flavors to make a highly-cravable trail snack.

[View Recipe](#)



Banana Bread Pancakes


Add some banana, walnuts, and a scoop of brown sugar and you can turn your ordinary pancakes into delicious, perfectly sweet Banana Bread Pancakes.

[View Recipe](#)

PROFILE PAGE

TRIP PLANNER

HomeTripsFriendsLogout



Jim Smith

My Information

Emailsmith@gmail.com

Usernamejansmith

Edit Profile

[Change Email](#)

[Change Username](#)

[Change Password](#)

BIO

Bio

trying to do the 7 summits

Where Do You Sleep?

my bed

Submit Bio

FRIENDS PAGE

TRIP PLANNER

HomeTripsProfileLogout

My Friends

maxwell

Incoming Friend Requests

Outgoing Friend Requests

ADD A FRIEND

Enter a username

Add friend