Get Outside

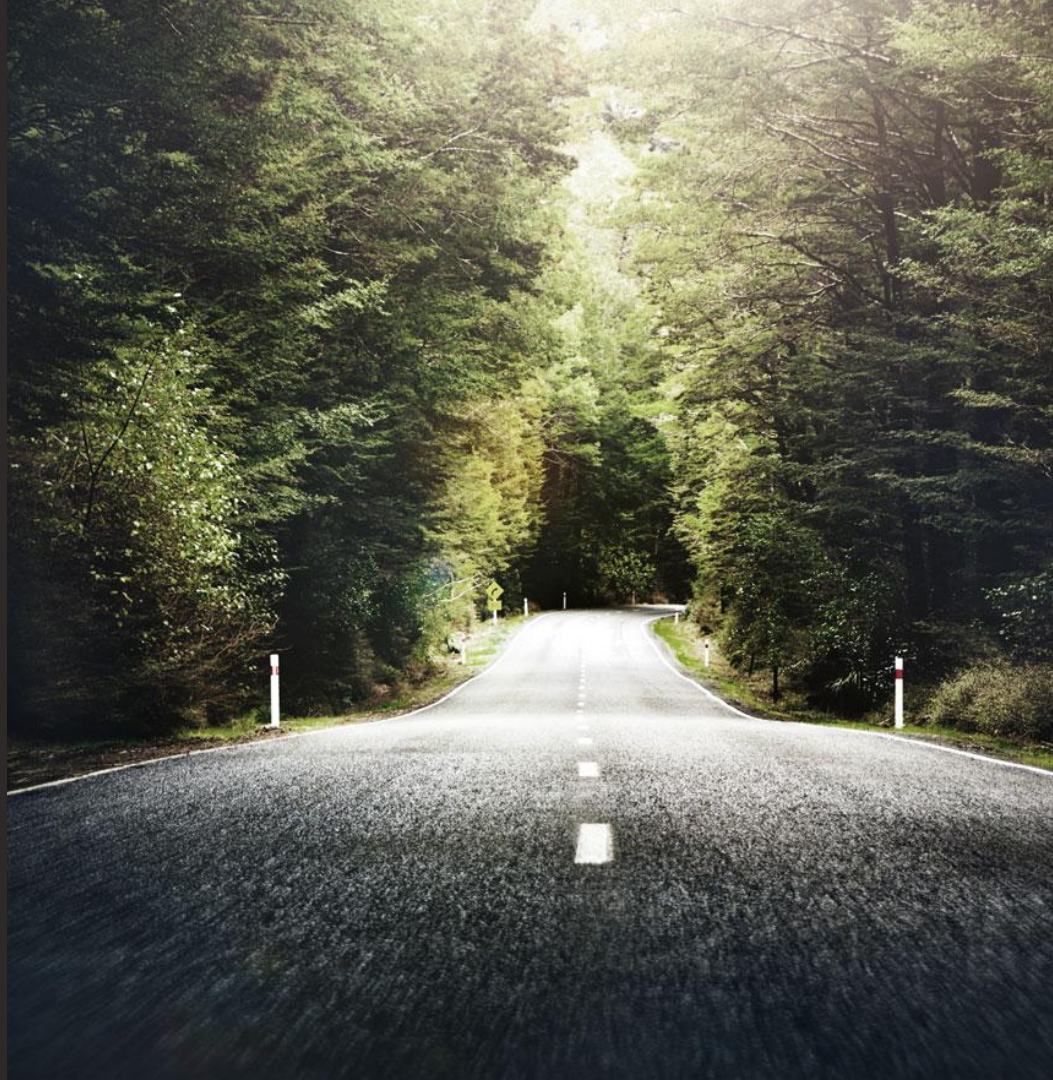# Let's Explore Nature!

Presented By: Group 4

Group Members: Tarush Gupta, Akhil Snehal Modi, Pushti Dalal, Sanket Shah

INTRODUCTION

- A web app for all your Nature's getaways.
- Explore Nature with us.
- Easily explore National parks with a swipe.
- Display special attractions of the place
- Book as you explore
- Developed on the idea from Spring 20', Group 11's Project Report.

GENERAL OVERVIEW

- Easily locate National parks, display highlights, book places.
- Easy for users to find information on national parks with a nice and clean user interface.
- Help promote and bring visitors which will bring revenue to any given area

FUNCTIONALITIES IMPLEMENTED

1

NPS API

Able to interact with the NPS API to get all the updated information about the national parks as well as the map real time.

2

Bucket List

Ability to make a bucket list of all the national-parks you may plan to visit.

3

Visited List

Also, you'll be store all the parks in a list which you have already visited.

FUNCTIONALITIES IMPLEMENTED

4

Bookings

You'll be able to navigate directly to the national park webpage on TripAdvisor, implemented using TripAdvisor API.

5

Downloadable

The web-app can also be downloaded on your mobile phone giving the user an easy access to plan their getaways.

6

User Database

The users will be able to make a user account and have their information stored securely in a database.

1. API's

- **Getting the Map from the API**

- **Getting the Park Information from the NPS API.**

- **API: https://www.nps.gov/subjects/developer/index.htm**

https://national-park-59ee0.firebaseio.com/

national-park-59ee0
  data
    0
      activities
      addresses
      contacts
      description: "For over a century people from around the world
      designation: "National Historical Par
      directionsInfo: "The Birthplace Unit of the park is located appr
      directionsUrl: "http://www.nps.gov/abli/planyourvisit/direction
      entranceFees
        0
          cost: "0.00"
          description: "There is no fee associated with visiting either
          title: "Fee Free Park
      fullName: "Abraham Lincoln Birthplace National Historical
      id: "77E0D7F0-1942-494A-ACE2-9004D2BDC5
      images
      latLong: "lat:37.5858662, long:-85.673305

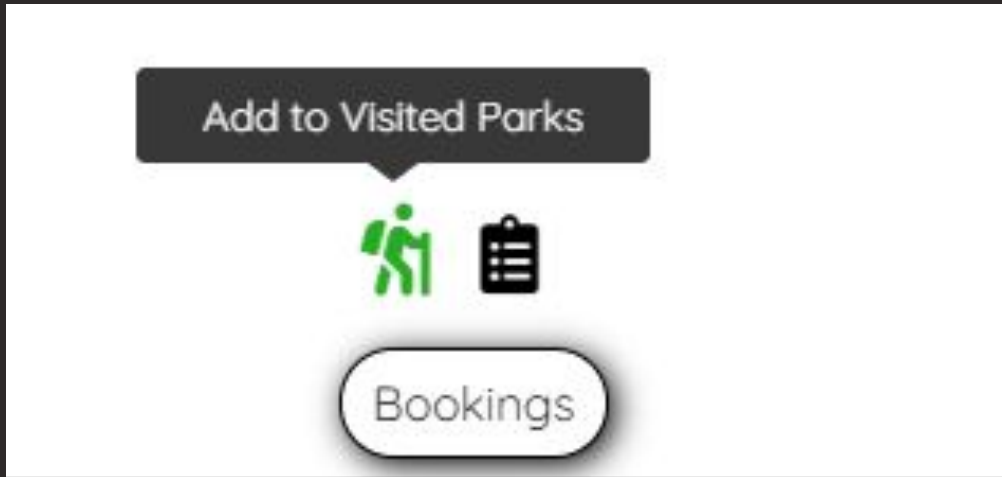Database location: United States (us-central1)

2. Bucket List

- User is able to make a bucket list of national-parks that they would like to visit.

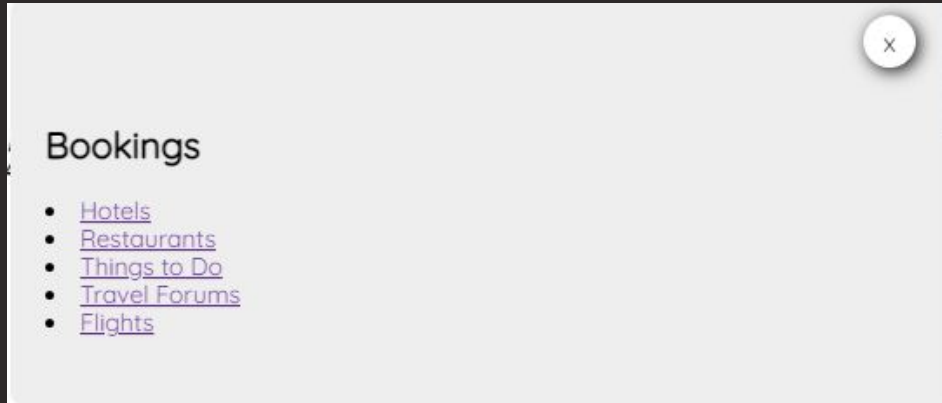- This would help them make plans their trips.

3. Visited Park List

- User will be able to make a list of parks they have already visited.

- This would help them explore new parks everytime

4. Booking

- The Web-app will be having the links for bookings that a user might require to plan a trip to the park.

- This may include hotels, restaurants, flights and places to visit in the nearby areas.

Bookings

- Hotels
- Restaurants
- Things to Do
- Travel Forums
- Flights

testing23@uic.edu	✉	Oct 8, 2020	Oct 8, 2020	6nZtXGFeXgZjzSYw8BYRlc6toN63
test1@gmail.com	✉	Oct 9, 2020	Oct 9, 2020	DZ4KiPnk9lXzlwFTSwksUZw7Ez63
sanket12@gmail.com	✉	Nov 3, 2020	Nov 3, 2020	Dj7W9ujdNlWuhTW2vK1HyBGRQK...
s@gmail.com	✉	Oct 7, 2020	Oct 7, 2020	DvoV7elfgKN2nhnGeFpY4r7wjuv2
testkar@gmail.com	✉	Oct 7, 2020	Oct 7, 2020	E1c0F3PHofXvBbwYl4aVnKuEDFd2
arnavmahajan0203@gmail.cor	✉	Oct 8, 2020	Oct 8, 2020	FzrL6VpaeKYS8gFh8CVlMGTDwPs1
sanketshah@gmail.com	✉	Oct 6, 2020	Oct 6, 2020	GxPG0n440yZB0tsJpPrFHhNb1Sl2
testing123@gmail.com	✉	Oct 7, 2020	Oct 7, 2020	OdBMg5EQXVX88gHDi3T35kTBG...
ss@gmail.com	✉	Oct 7, 2020	Oct 7, 2020	Pw9nXjHsF6OtHpF6C02UvdcjDfv2
sanket@gmail.com	✉	Oct 6, 2020	Oct 6, 2020	Q4VywjoSxjV6sxQTXcCmKeDAlSS2
chalja@123.com	✉	Oct 7, 2020	Oct 7, 2020	QcieRMnw3OhNAJFotkK1QtRjywF2
akhil@uic.edu	✉	Sep 30, 2020	Nov 3, 2020	QvadCHudeTV1p9gbAspQBuZckP...
hey@1234.com	✉	Sep 30, 2020	Sep 30, 2020	TTbzZQJTZtY2i4EMuuQh5aXXgRG3
test123456@gmail.com	✉	Nov 6, 2020	Nov 6, 2020	VviFz9UZOnbtWLFKHpCDH1QPU2...
testing1234@gmail.com	✉	Oct 8, 2020	Oct 8, 2020	WzRMl7Xmiwg4EMCMFclvPvJYst...
pushti@gmail.com	✉	Oct 6, 2020	Oct 6, 2020	ZbAwx0BaicUQ0rbcWbk5zHCoGxk1

5. API's

- Created user database for the storing

personal information

- Stored in the firebase

- User needs valid credentials to log in

to the system

Demonstration

https://youtu.be/iWXaRdc_tw4

Challenges

The major challenge faced : To get familiar with working environment

Primary goal of the project was to implement own booking system which was dropped due to:

-      Security purposes

-      Time constraint

Conclusion & Future Developments

This web app could be transferred to a mobile app to make it more feasible for the users.

We can make our own booking system integrating the payment methods with secure system.

We can add communication system to the app with the customer service as well as the security agents of the parks.

THANK YOU!

Does anyone have any questions?