Team Trail Blazer

Trail Blazer Overview

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Introduction & Description

For our Capstone project we decided to build an Android application called *Trail Blazer*. Our application consists of a server side and a client side that has allowed our team to organize trail data from the Albuquerque New Mexico Open Trails dataset. With this information we were able to produce a clean and simple user interface for outdoor enthusiasts in the Albuquerque area.

Trail Blazer helps consumers navigate, track and explore the outdoors. Populate local trails based on current location and keep track of your progress by recording the activity. Share your activities or save them privately to your profile. This is your guide to Albuquerque's vast open trails. Discover, share and blaze your favorite trails right from the palm of your hand.

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The motivation for our chosen topic was to create an application that could organize the Albuquerque Open Space Trail Data into a legible format. This will allow locals and visitors alike to explore the some of the New Mexico's best trails right

Intended Users

- Any Burqueño that loves to enjoy New Mexico's beautiful weather and perfect hiking trails!
- Visitors who want to explore Albuquerque.
- Friends who want to share their trails.
- Outdoor enthusiasts looking for new adventure!
- Athletes looking for their next challenge

Technology and Framework

Back End

- Ubuntu Linux OS
- MySQL
- JRE 8
- Spring/Hibernate
- Digital Ocean
- Vivid Solutions
- OAuth - Google Sign-in

Front End

- Android API 23
- ReactiveX
- Retrofit
- Picasso
- Google Play Services