

Bucket List Adventures

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Description

We want to give the average traveler more time to pack and less time planning. By merely entering your trip dates, area, and what kind of things you enjoy on your travels and you receive a list of potential trips. You can save trips you like in your Bucket List. It's about time you see the biggest ball of yarn!



Features

- Search activities at a specific city/location
- Navigation directions to destination
- View average temperatures for each month
- Create account and save destinations to a bucket list
- Responsive front-end
- Maintain user interests for the user profile



Planning - User Stories

- As a traveler, I want to know activities available at the destination so I can plan the activities I want to do on the trip.
- As a traveler I want to create a profile that holds all my information.
- As a traveler, I need to be able to create a bucket list so that I can save places I want to go
- This project began as Chamane's wishful thinking of wanting to go somewhere, but not wanting to think too hard about where to go and what to do.



Planning - Database

- The table “weatherstations” contains data on thousands of NOAA weather observation stations and their coordinates. These coordinates are used to find the nearest weather station to a given location in order to retrieve aggregated climate data from that station and display average temperatures for each month.
- The table “userprofiles” and “userinterests” contains user information and can hold multiple user interests. These user profile and interests will be used in the search module to retrieve results based on the user’s interests.
- Utilizing Entity Framework Identity, we created a database to contain user login information in a way that keeps identities safe. Originally, it was linked to SQLserver, but after some changes it now migrates to MySQL with the rest of our data.



Technology Stack

- C#
- ASP.NET Core MVC
- MySql
- Bootstrap
- Entity Framework Core
- Microsoft Identity
- Visual Studio
- Trello



Demo



What I Learned

- Using Linq queries to access information in a MySql database
- Using CsvHelper to read data from csv files
- Using GitHub branches and pull requests to collaborate with teammates
- More about SQL server
- Consuming APIs (Mapbox,Travel Advisor)
- Choosing useful Nuget Packages
- Making code work in sync to the code others have already done.
- Learning many more Google search skills



What's Next

- Hotel deals - allowing users to search for and book the best priced hotels
- Airfare - seeing the prices, busiest months, and having the ability to purchase tickets.
- Car rental - finding and renting a car
- Restaurants - having the ability to know what's around your destination and the ratings
- Sort activity results - allowing users to narrow results by
- activity type.
- Finding hidden gems along the way to make a road
- trip the best family vacation ever.

