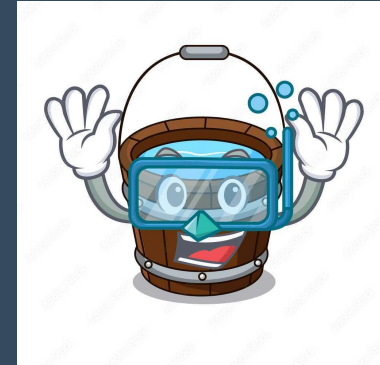




Bucket List Adventures

- Bethany Tormino @btormino
- Brigid Book @brigid-book
- Chamane Barbatti @ChamaneBarbatti
- Natasha Gebbia @gebbia
- Sonia Vakkat kuttan @soniya1987
- Robin Jun (TA)



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
- Register a new account, login and logout
- Create a bucket list and save destinations
- Responsive front-end
- User friendly and responsive home page with navigation and activity search bars
- Responsive navigation bar with dropdown menus & search bar
- Maintain user interests for the user profile
- Airfare - seeing the prices and having the ability to purchase tickets.



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 user profile to store my interests and information.
- As a traveler, I need to be able to create a bucket list so that I can save places I want to go.
- As a traveler, I want to be have directions and a map so I can navigate with ease.
- 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.
- The table “destinations” contains the name of a desired destination (i.e Chicago Riverwalk), the location of the destination (i.e. Chicago, Illinois), a brief description of the activity at the destination (i.e. The *Chicago Riverwalk* is a 1.25-mile-long public path along the bank of the *Chicago* River offers a variety of dining, entertainment, and recreation options).
- 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
- ASP Identity (Duende)
- Microsoft Visual Studio
- Trello
- Mapbox API
- TravelAdvisor API
- Shutterstock




Demo


 Bucket List Adventures

[My Bucket List](#) [Navigate](#) [Rest Your Head](#)


[Search Activities](#) [Register](#) [Login](#)



[Search For Activities](#)

 [Rest Your Head](#)

Find available hotel accommodations along the route to your destination.

 [Bucket List](#)

Create and personalize your Bucket List and start planning your next adventure.



What I Learned

- Wire Frames
- Creating User Stories
- 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
- More about using Bootstrap
- More on using ASP Identity (Duende)
- More trouble shooting and problem solving skills



What's Next

- Hotel deals - allowing users to search for and book the best priced hotels
- 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.
- Take a Vacation.

