

UTRIP Project Report: Group 07

Leo Su, Evan Tseng, Derrick Do, Matthew Kind, Arjun Peroor

Project Description:

· UTrip is meant to streamline short notice travel. When a user inputs a travel destination, it immediately pulls up the weather for now to the near future, as well as information such as hotel pricing. Users can customize an itinerary based on the information provided through our linked API's to simplify their trips. UTrip is a tool that provides the ability to compile multiple different sources of information that play a part in planning a trip. Oftentimes those who plan short term trips are stuck scouring the internet for deals regarding their travel. Instead, our product puts the information all in one place, as well as giving information for how they should be prepared climate-wise so they can make the most out of their trip. In addition to this feature, UTrip gives you the ability to not travel alone, by providing links that can be posted to social media that will allow your friends to decide to join you on your adventure.

Project Tracker

- <https://github.com/users/037Leo0101/projects/3/views/1>

Video Link:

<https://www.youtube.com/watch?v=p5SVzgL1Tmk>

VCS:

- <https://github.com/037Leo0101/RECITATION-014-TEAM-07-UTrip>

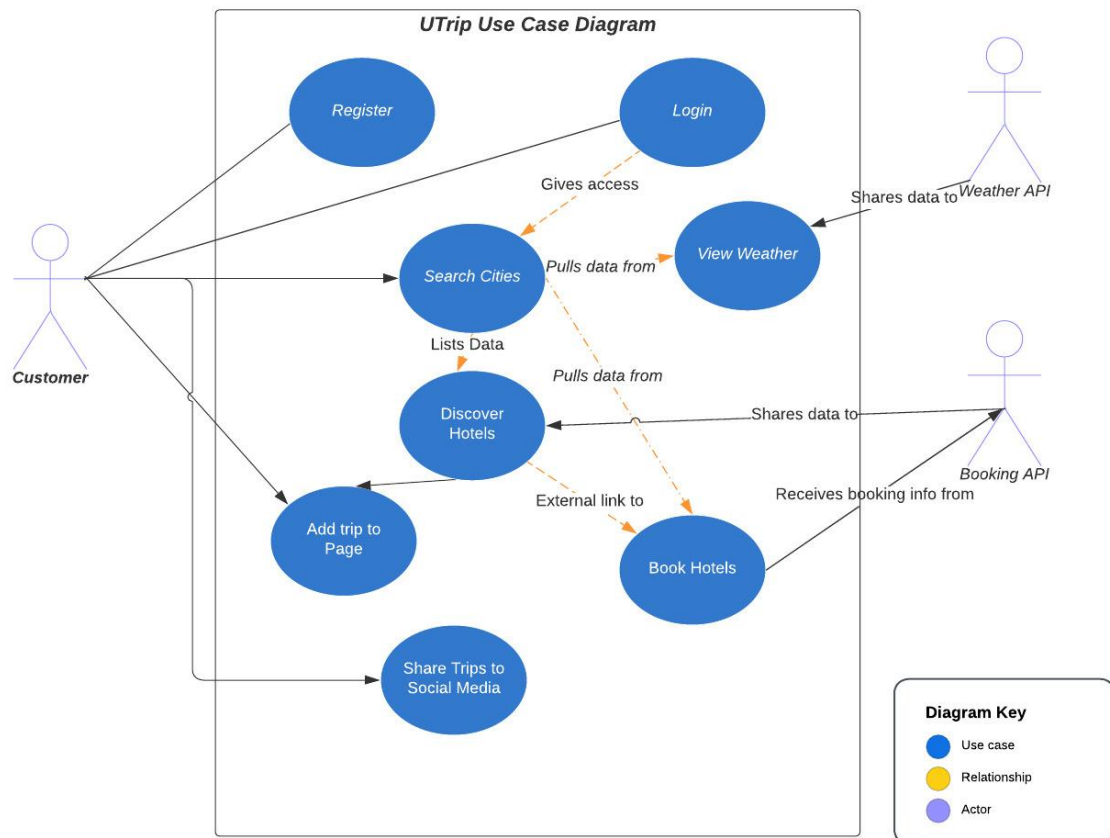
<u>Contributions (100 words or less)</u>	
Name	Brief Description
Derrick Do	Created the calls to the Hotel APIs. Ensured it worked with the Weather API in dealing with locations. Created the primitive display for the hotel information. Worked on book-keeping side of project, ensuring the project board, release notes, and deliverables were up to date.
Matthew Kind	I worked on communication routes between our two main back-end files as well as the SQL database. This also necessitated me creating the trips page for details and a new table in our database.
Evan Tseng	One of the biggest contributions I made was to make the website more user friendly. I applied that through CSS styling, editing JS files and making button hover animations etc.

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Name	Brief Description
Arjun Peroor	I focused a lot on the page where you go after adding a hotel called the trips page and was researching ways to add hotels to the page properly through SQL which Matthew later figured out and merged to the main. I worked on the share trips button in the trips page and Leo cleaned it up. I also added acceptance criteria for every user story on the project board and created a web architecture diagram.
Leo Su	The first thing I worked on was the API for OpenWeather, I figured out how to get current weather data and the weekly weather data. I also worked on the share button so it is sharing links on Facebook and Twitter. Worked a little on the SQL part, I added the city name into the SQL table so it is showing on trip page.

Use Case Diagram:



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Test Results

- 4 test cases were initially implemented. Two cases regarding the login, and two cases regarding the registration. The initial goal of these test cases was to see if an individual that is completely foreign to this application would have the capability to both register, and to login to the page.
- **Observations:**
 - The user should, when accessing the page for the first time, should have the capability to click the *Register* button to create a new account.
 - If the user has done so before, an error message should be displayed if he attempts to register the same account
 - With the login, if an incorrect username or password are input, an error message should display.
 - If correct fields are given, they should be redirected to the home page in which the features of the app can be accessed.

Deployment

<http://recitation-014-team-07-v2.eastus.cloudapp.azure.com:3000/trips>