Oct20 project descriptions

Thursday, January 7, 2021 12:29 PM

Proposal

Thursday, October 22, 2020
8:43 AM

Team#: 6

Team name: Liberty Lunch

Team Members:

- Dylan - Development Team Member
- Victor - Development Team Member - SCRUM Master
- Maggie - Development Team Member
- Kemi - Development Team Member

Mission statement: Providing a more cohesive, community based, lunch experience for the betterment of Liberty Mutual Employees.

Detailed Description: Liberty Lunch provides Liberty Mutual Employees with a streamlined process through which they will be prompted with a list of restaurant suggestions for lunch and other daytime office dining experiences in downtown Boston. The user inputs the names of those in the dining party and then each member will provide their preferred cuisine for the meal. Liberty Lunch will then compile the user's selections and export a list of 5 recommended restaurants that most closely fit the preferences of the group while also considering secondary factors like distance from the office as well as Yelp ratings.

Technologies Used:

- JavaScript
- React
- Node.js
- Spring Boot with Java 8
- CloudForge (bamboo, bitbucket, etc.)
- MySQL

Wireframes:

Team#: 7

Team name:

Sean Palm's fan club

Team Members + Roles:

Team Leader - Cameron Liddell

Developers – Aasish, Chloe, Anna, Kim

Mission statement:

Provide users with an opportunity to explore current housing data and publish visualizations for users to observe trends over time.

Detailed Description:

App utilizes Zillow For-Sale Inventory housing data over the last three years for the following data visualizations:

- line graph for state home values over a monthly period,
- bar chart of total yearly home values by state,
- histogram grouping states by value buckets,
- detailed table of state's regions and home value information.

Technologies Used: MySQL, Java, Spring MVC – Spring Boot, ReACT - Bootstrap

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Team #: 8

Team Name: The Innovatively Trendy Travelers aka "The ITTs"

Team Members:

Ezekiel Elin
Megan Lewis
Hadley Pope
Yeamah Rainsbury
Lauren Sylvain

Planning on rotating team lead every day

Mission Statement:

Provide insight into changing travel behaviors and general mobility trends over the course of the pandemic, using mobility data from Google and Apple.

Detailed Description:

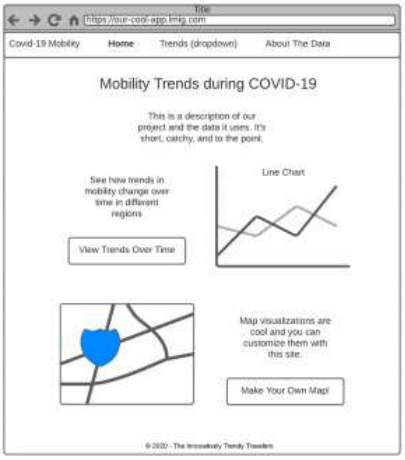
Using the data that Google and Apple provide about how people are moving about in their daily lives (for example, how many people are travelling by public transit or going to the grocery stores). The Google data is based off of location services from people's devices (as enabled by the user), and the Apple data is based off of navigation requests. We will present both pieces of data and draw comparisons where appropriate–not all of the data points are directly comparable.

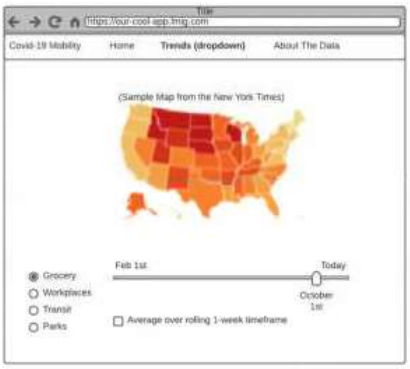
The user will be able to interact with the maps and charts. They will have the ability to filter the data by region and date range and compare between multiple regions over those date ranges.

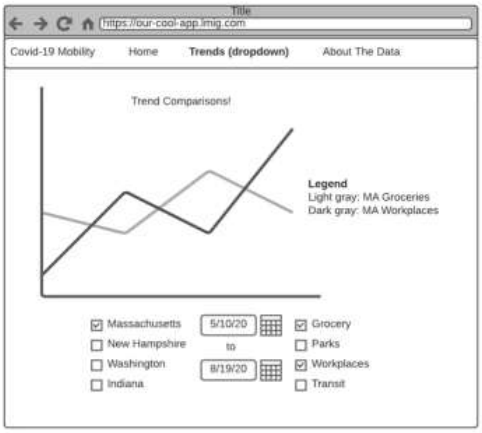
Technologies Used:

React, Bootstrap, JavaScript, and HTML to create the web interface
D3.js to visualize the data on the frontend
Node.js and Express to serve React app and respond to API requests
MySQL to store the data

Wireframes:


Title
https://our-cool-app.lmig.com
Covid-19 Mobility
Home
Trends (dropdown)
About The Data
Mobility Trends during COVID-19
This is a description of our project and the data it uses. It's short, catchy, and to the point.
See how trends in mobility change over time in different regions
Line Chart
View Trends Over Time
Map visualizations are cool and you can customize them with this site.
Make Your Own Map!
© 2020 - The Innovatively Trendy Travelers


Title
https://our-cool-app.lmig.com
Covid-19 Mobility
Home
Trends (dropdown)
About The Data
(Sample Map from the New York Times)
Grocery
Workplaces
Transit
Parks
Feb 1st
Today
October 1st
Average over rolling 1-week timeframe


Title
https://our-cool-app.lmig.com
Covid-19 Mobility
Home
Trends (dropdown)
About The Data
Trend Comparisons!
Legend
Light gray: MA Groceries
Dark gray: MA Workplaces
Massachusetts
New Hampshire
Washington
Indiana
5/10/20
to
8/19/20
Grocery
Parks
Workplaces
Transit

Team # 11

Team name:

Placeholder Travel Destination Site

Team Members + Roles:

Rotate team leads every meeting

Plan on pair programming for majority of project

Caroline Cooler

Josh Griggs

Aaron Tsay - Team lead for 10/22

Ben Jungwirth

Mission statement:

To provide off the beaten path travel destinations for people from two different locations. We want to create a platform that gives the user insight into unique locations for their travel plans.

Detailed Description:

Our web app will lead the user to a UI that prompts them to enter two points of travel. The user will be allowed to choose from certain categories such as tourism, outdoor activities, restaurants, etc.

Once the user's travel information is entered, the app will relocate them to a page with a list of off the beaten path destinations and a map of where these are located on the trip. Our main goal is to provide users with a unique experience that simulates a process like Google Maps but delivers more interesting and "hip" locations for people to check out.

The user will have the ability to click on the specific destinations for more information when they are on the list/map page. This will take the user to a destination overview page with more information about that location. The page will include other user feedback such as reviews and details about the place that might be useful for the traveler.

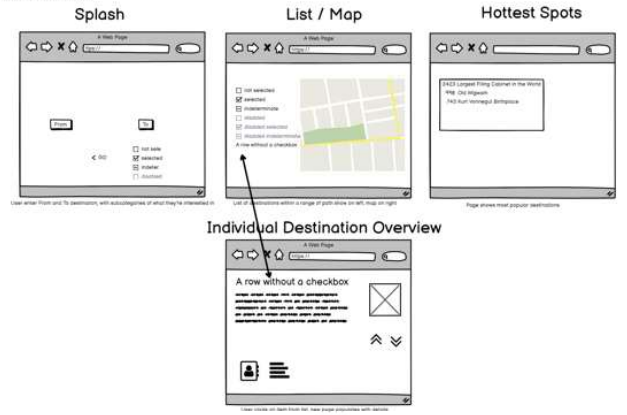
Lastly, we will provide a page with the most popular destinations that people have explored based on the user's range of travel that they entered. This way they can see what the hottest, most unique spots are in the area.

Technologies Used:

Front-end: React

Back-end: Spring Boot/Kotlin, SQL

Wireframes:



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Team #12

Team name: Team Liberty Biberty

Project name: Travel Buddy

Team Members + Roles:
- rotating team lead each day
Kelly Wheeler - frontend
Josh Isaacson - backend
Maia Nguyen - frontend
Trevor Neidlinger - backend

Mission Statement:
- resource for Liberty employees to use while planning an international trip

Detailed Description:
- country alerts (road conditions/safety, local laws and special circumstances, safety/security, visa requirements)
- geographical info, visa-free connections
- safety rankings
- international tourism, number of arrivals
- taxi, meal, internet prices
- air fare

- dashboard that aggregates all of the above sources and displays the data both graphically and in a table
- user can select either an individual or multiple countries to see relavent info
- user will be able to provide feedback on the site, which is sent via email to the developers

Technologies Used:
- Spring
- Hibernate
- MySQL
- React

Wireframes:
- see pdf