Project 1 - July 2022
Project Title: UMBRELLA

Live deployed site: https://marcelamejiao.github.io/Umbrella-Address-Book/

Github repository: https://github.com/marcelamejiao/Umbrella-Address-Book
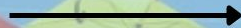
Team Members:

**Marcela Mejia Ortiz,
Alex Perry,
Dan Smith,
Sabrina Williams,
Andrea Bell.**

Elevator pitch

Don't you hate it when you go to visit your friend and you get caught out without an umbrella?

With the Umbrella app you'll never get caught out in the rain again.

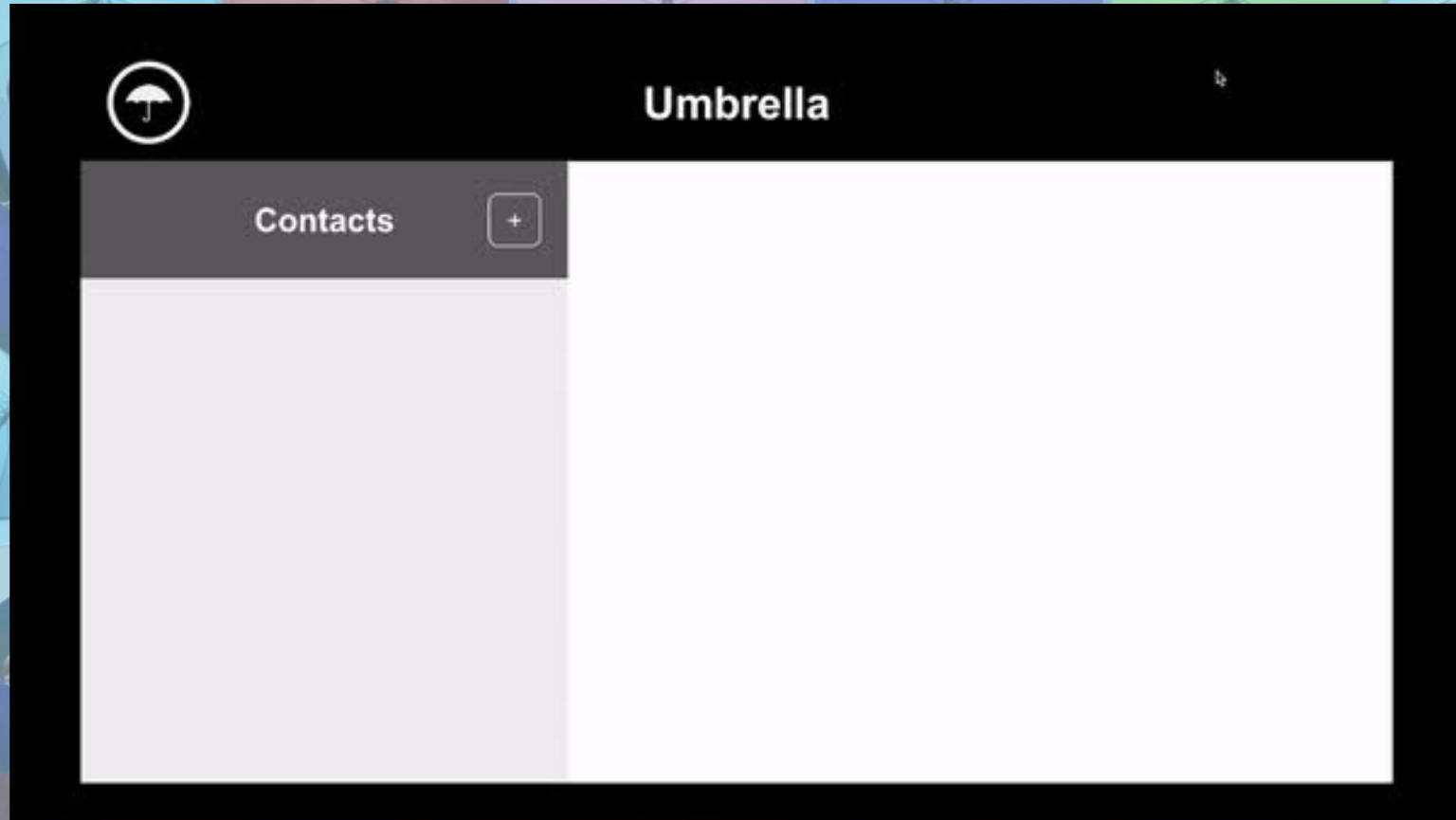Rain, hail or shine, you've always got an Umbrella in your pocket.

Concept

- *Description*: Umbrella is a functional, easy-to-use interface which enables a user to ensure they are prepared for the prevailing weather conditions when heading out to socialise.

- *Motivation*: We began with a simple problem: "Will I need an Umbrella?". We built on this idea to create an app that includes an address book, a map of the person's location and what the prevailing weather conditions are in the area.

- *User Story*:

AS A person wanting to socialise

I WANT an application that enables me to look up my friends in an address book, see their address on a map, and see what are the prevailing weather conditions are where SO THAT I can plan a visit to them and know whether I need to bring an Umbrella.

Conceptual wireframe

Process

Technologies Used

- **HTML**
- **CSS**
- **JAVASCRIPT**
- **BOOTSTRAP**
- **FONTAWESOME**
- **JQUERY**
- **GITHUB**
- **VSCODE**
- **APIS: Google maps https://developers.google.com/maps**
  - **Weather https://www.weatherapi.com/**

Process cont_

Break Down of tasks and roles:

Project Manager: Alex Perry

Developer/s (html/javascript): Alex Perry, Dan Smith, Marcela Mejia Ortiz
UI/UX (CSS): Andrea Bell, Sabrina Williams

Documentation (readme, screenshots, prep): All

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Process cont_

Challenges:
- Both APIs had to parse longitude and latitude values to grab the location for weather and maps.
- We found getting the API's and the HTML to work together challenging at first, as well as how to display the information on the screen and modals. After trial and error we worked as a team to fix the issues.
- We also had a set back from the wrong HTML being uploaded to main which affected everyones work and time, but it was resolved and we were able to continue with our project and learnt something new and hopefully won't make that mistake ever again.

Successes:
- *Geocoding the users address to longitude and latitude using maps API*
- *Getting the API's and functions to work when we clicked on the users name.*
- Getting the content to format in desktop and also mobile view using BOOTSTRAP.
- Getting google maps to populate in the widget.

Demo

https://marcelamejiao.github.io/Umbrella-Address-Book/

Directions for future development

Improve User Experience:
- Auto complete address
- Editing contact information capabilities
- Favourite contacts listed first with star
- Avatar/Profile picture
- More polished CSS and improved UI/UX

Add Additional Features:
- Include a section for restaurants and bars, cafes, bowling alleys, cinemas local to the area to expand from just the weather and location map
- More API calls (If you have that many friends)

Thank you