



My Travel Planner

Presenting by Roy, Michelle and Magdi

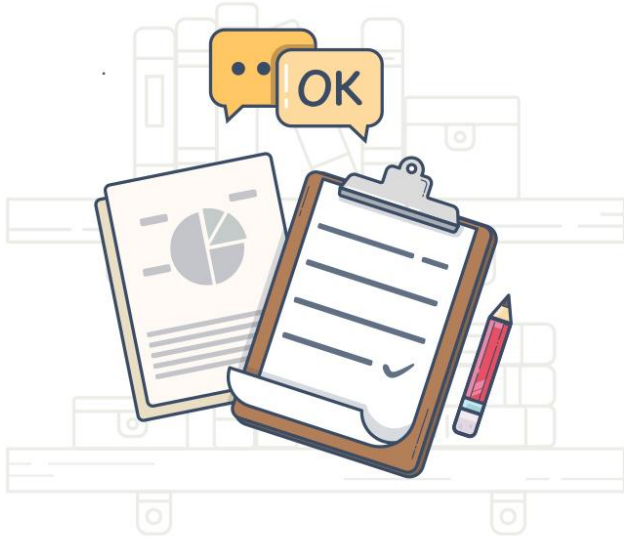


My Travel Planner allows you to plan the most important details of your trip. The website provides all the pertinent information about your destinations, such as weather, price of local attractions and flights. It allows you to plan your budget and your itinerary, so that you are prepared ahead of time, and all you have to do when you arrive is have fun!

Inspiration



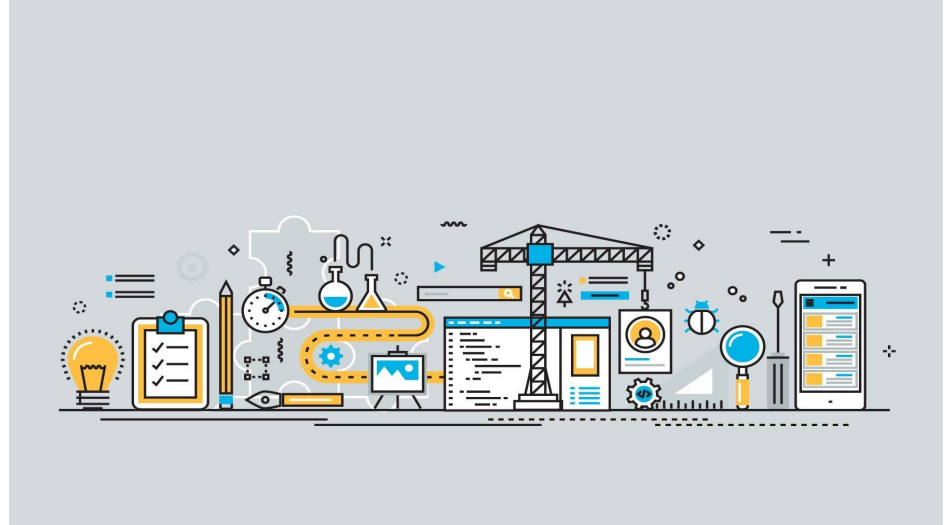
User Story



As a tourist, I need to map out a detailed plan for my trip before leaving. I need to know what to pack based on the local weather for the duration of my stay, the cost of recommended local attractions, and information about flights. I also would like to have easy access to my saved information so I am prepared for my trip, and won't miss out on any fun times.

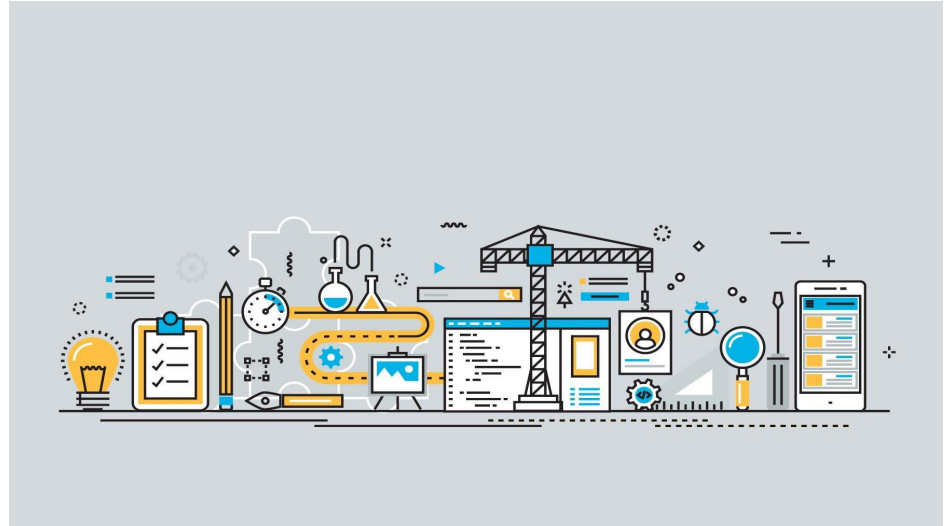
Process

- Technology used:
 - APIs:
 - World Weather Online API;
 - Amadeus Flight Offer API;
 - Amadeus Activities API;
 - Google Charts;
 - Foundation;
 - GitHub;



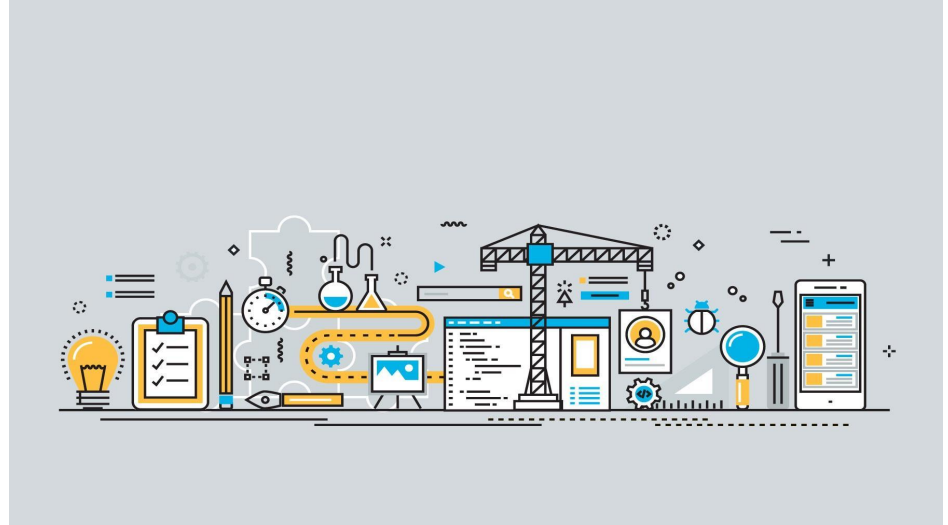
Process

- Task Distribution:
 - Use Github project to allocation tasks;
 - Use Slack and Zoom to communicate with each other



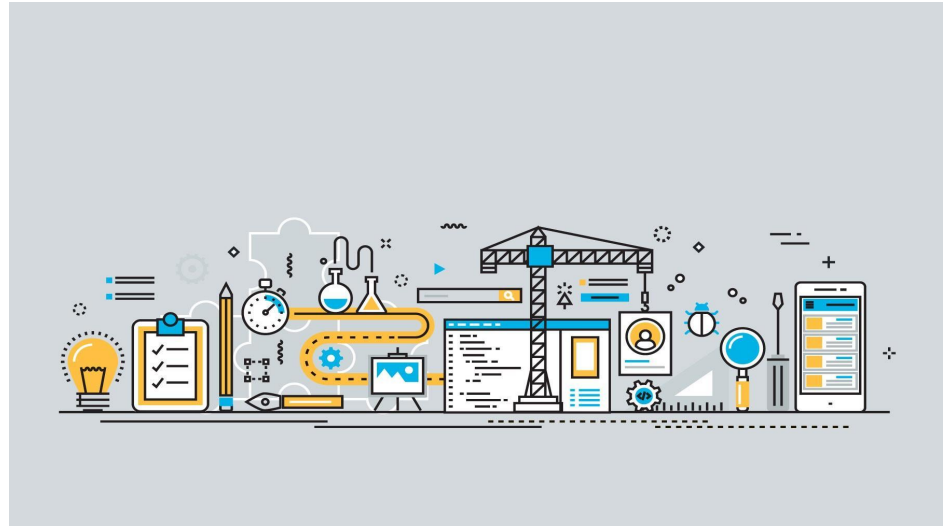
Process

- Challenges:
 - Team communication issue
 - APIs:
 - Couldn't find free weather forecast beyond 14 days;
 - Amadeus authorization token request
 - Needs information in a certain format that requires other APIs, i.e., coordinates by city names, IATA codes;



Process

- Successes:
 - Having scrum meeting periodically
 - APIs:
 - Used historical data for reference if beyond 14 days;
 - Found the proper format to request for authorization token;
 - Created a different script to have a drop-down options which have city name, coordinates and IATA codes;



Demo

My Travel Planner

My Trips

Choose a Canada/US airport



TRAVELLING FROM

Choose a destination



TRAVELLING TO

yyyy-mm-dd



yyyy-mm-dd



START DATE

END DATE

Submit

Directions of Future Development



- Adding accommodations component
- Substituting flights and attraction APIs with Google APIs, as they are more comprehensive
- Integrating attractions from external sources
- Adding booking functionalities for flights and accommodations.

Deployment



GitHub:

<https://github.com/mich3ll3e/My-travel-planner-app>

Deployment:

<https://mich3ll3e.github.io/My-travel-planner-app/>



Thank you!