

A stylized illustration of the Eiffel Tower in dark blue with a geometric pattern. It is surrounded by red and blue brushstrokes forming a frame. A blue compass rose is positioned next to the tower.

group 13-5

# Nomad Travel

Explore what the world has to offer, at the touch of your fingertips!

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# *Our Web Model*

- 01** Tools Utilized
- 02** Architecture Diagram
- 03** Challenges & Successes
- 04** Future Enhancements





# What we do

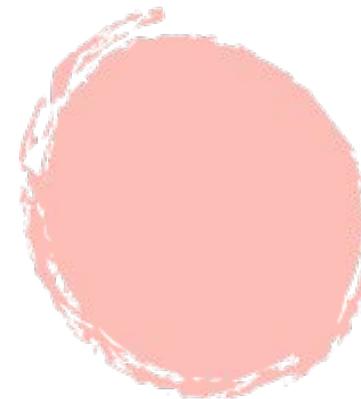
our website's goal is to make planning trips a simpler process.

- Our search tool takes your preferences when querying the database
- Events can be saved to your own personal calendar

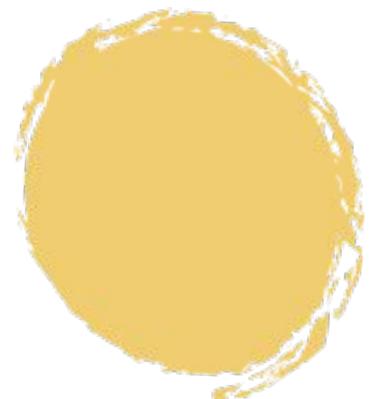
## Our End Users

- Anyone looking to plan a trip, mostly adults
- Can be used as a search tool as well as a planning tool

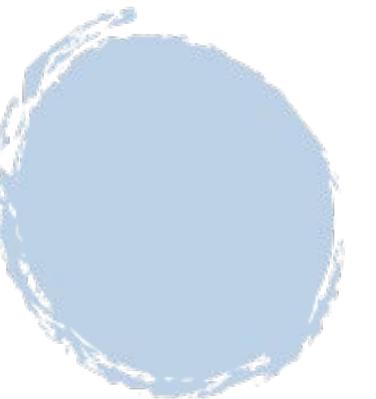
# Tools Used



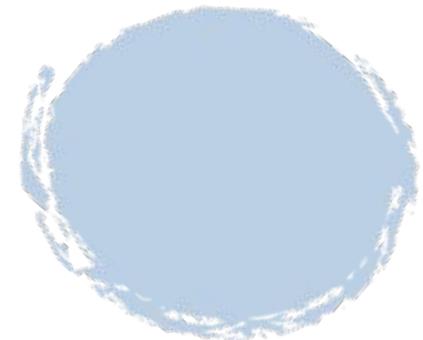
Github was instrumental in our design, for all of us to collaborate and successfully iterate on our ideas.



For our database, we utilized postgresQL to...



For our user interface, we remained using handlebars to create a simplistic easy to use site.



## External API

Our group utilized the ticketmaster API on our site, to provide user info on events



## Deployment

## TOOLS RANKED

-GitHub: worked well for our purposes, caused many annoying issues with merge conflicts. 7.5/10

-postgresQL: was very useful for our users database and adding our own data to the main search. 9.5/10

handlebars: Quality templating language, partials are very good. 10/10

TicketMaster: decent API, not perfectly suited to our websites purpose. 6/10

Deployment: Had issues overcoming the file permissions on the ssh key file. 3/10

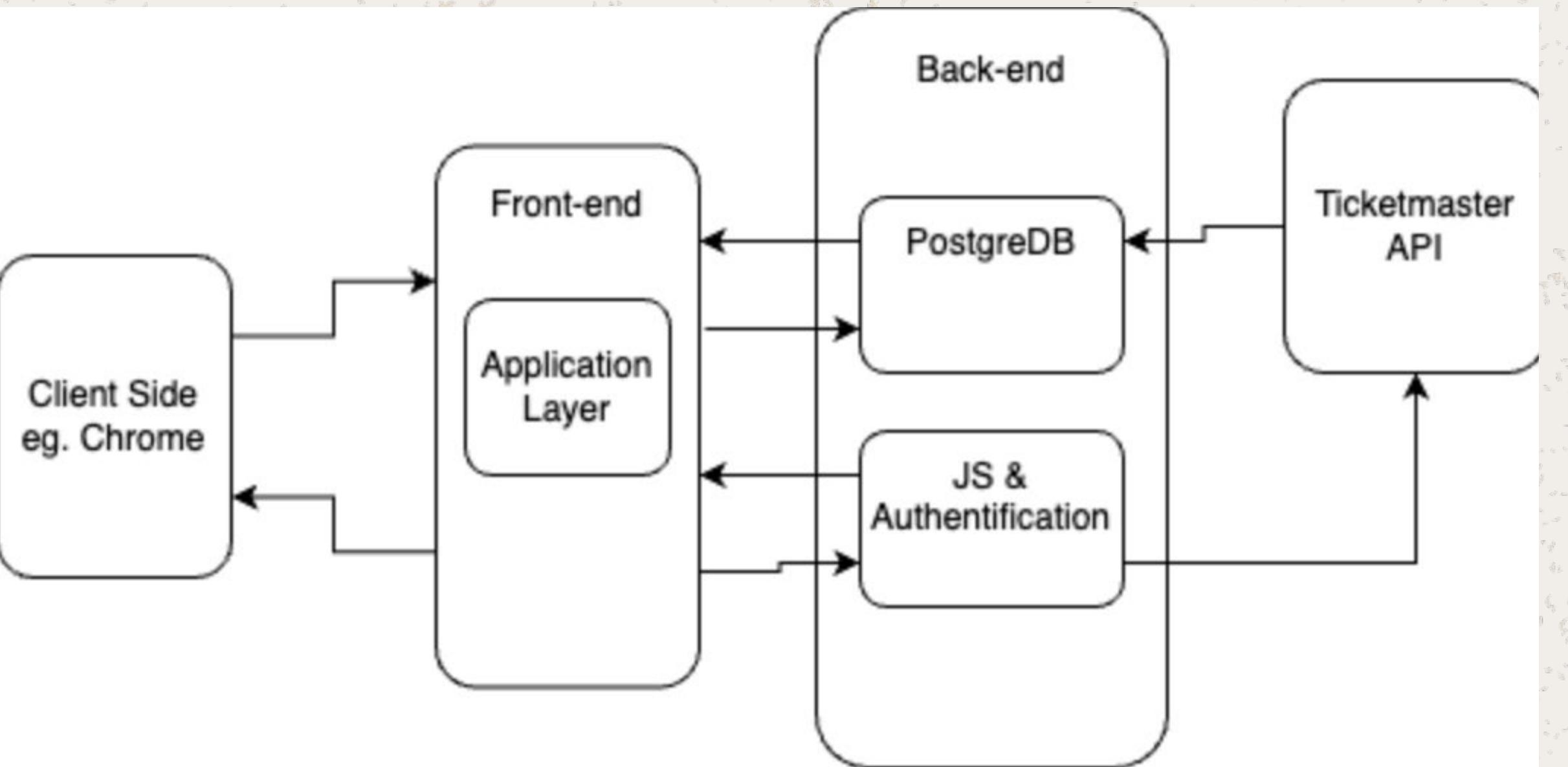
# *Our WorkHow*

- Weekly Meetings every monday night via zoom
- github epics
- Discussing changes we want to make as a group

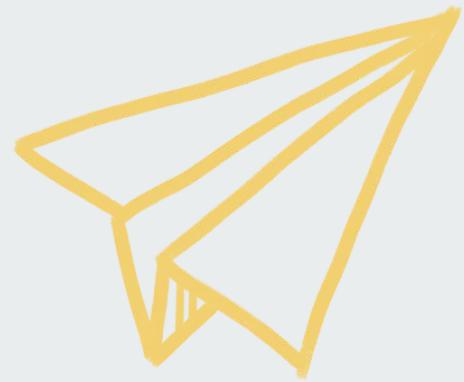
GIT MERGE



# Architecture



# Implementation



01

Outsourcing to an external API:  
Our group began by using  
databases and SQL queries, and  
when switching to an API for our  
data, we had to execute a lot of  
small and tedious changes.



02

Utilizing Git Correctly:  
Ensuring that everybody was  
working on separate files and  
successfully merging files to the  
repository was hard at first, but  
became much easier.

03

Communicating data between  
pages across scripts and api  
routes.

# Challenges we Faced

# The Future of Nomad

## Things we want to improve

- ✓ Allowing the user to plan and store more data for trips
- ✓ Providing API documentation for planning flights and hotels
- ✓ Making better use of white space (css issues)
- ✓ Utilizing automated email to contact consumers
- ✓ Increasing our social functionality (eg: shared calendar events)

MUST BE A PDF VERSION OF THE SLIDES IN THE GITHUB REPO NAMED  
ProjectPresentation\_[TeamNumber]

Deliverable:

ProjectReport\_[TeamNumber]

<https://docs.google.com/document/d/1LOt7nktriLpmc3h-ZjOG8-sKmfurHewY5YCSDKn6FM/edit?usp=sharing>