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The Team



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Application

- Nomad is an IMDB style website displaying information on the most popular travel destinations across the world
 - Restaurants - Ratings, Reviews, Pricing, Transactions, Hotels nearby
 - Hotels - Ratings, Amenities, Pictures, Restaurants nearby
 - Locations - Points of Interest, Weather, Population
- Who's this for? Anyone interested in prospective travel or tourism!



Frontend

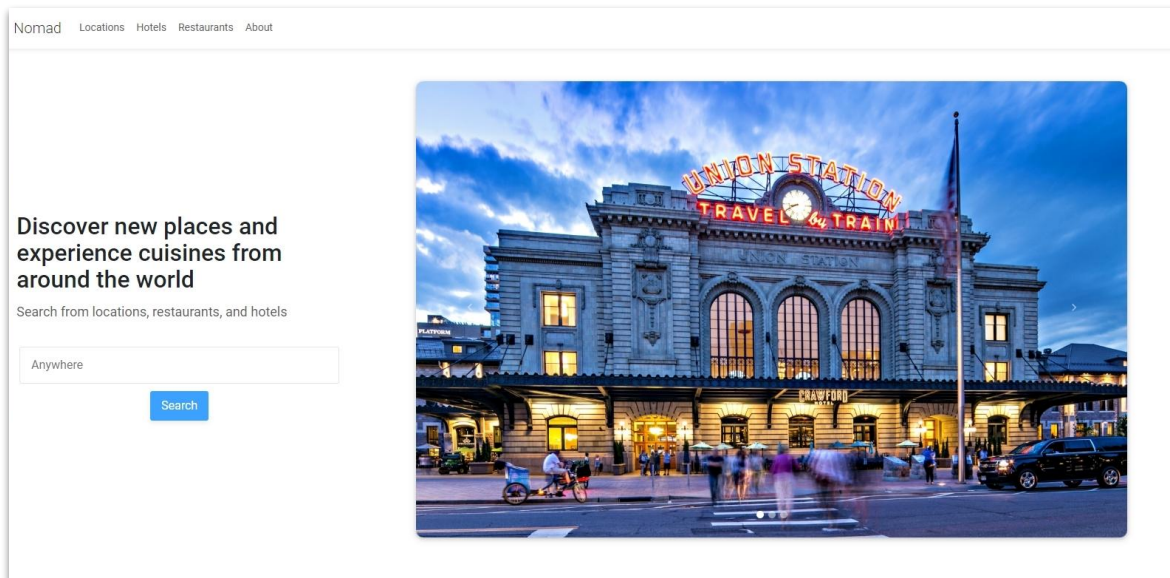
- React - Building web pages and components
- Bootstrap - Complex HTML elements such as modals and dropdowns
- Selenium - GUI Testing
- Jest and Enzyme - Unit testing
- AWS S3 - Static web page hosting



Backend

- Yelp API - Restaurants
- Amadeus API - Hotels
- Google Places API - Locations and Points of Interest
- OpenWeatherMap API - Weather
- MongoDB - to store all instances
- Flask API - handle interactions between frontend and database
- AWS Elastic Beanstalk - host Flask API
- Postman - API Testing

Demo





Self Critique

| Strengths | Future Improvements | Lessons Learned |
|---|--|--|
| <p>Development Cadence</p> <p>Remote teamwork using available tools (Slack, VSCode liveshare, Github, Zoom)</p> | <p>Make scraping code more efficient</p> <p>Work in pairs rather than individually on more involved tasks</p> <p>Clarify requirements earlier in development process</p> | <p>Importance of consistent and constant communication between a frontend and backend team</p> <p>How to write code that handles change easily and to anticipate the things that will change</p> <p>Advantages of modularity</p> |



Developer Critique (morning-4)

- What they did well
 - Consistent style across pages
 - Useful attributes for each instance
 - Clear connections between instances
- What we learned
 - We learned about the existence of many different car makers across the world
- What they can do better
 - Optimize search or API to return results faster
 - Extend search to cover all attributes
- What puzzled us
 - Hundreds of thousands of adds and deletes in Github statistics