Put it in Park

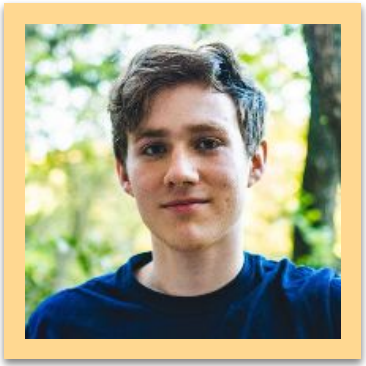
SWE Project #10

The Team

Backend

Backend

Backend - Database

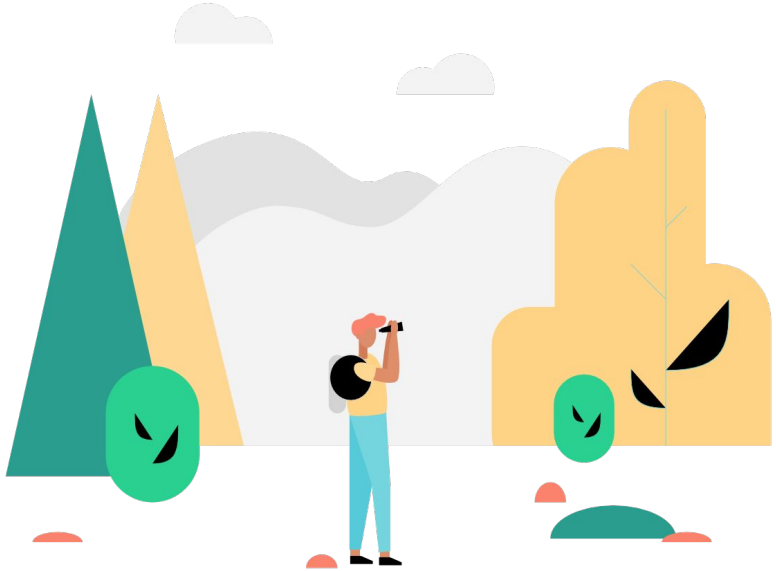


Front-end

API Documentation/Testing

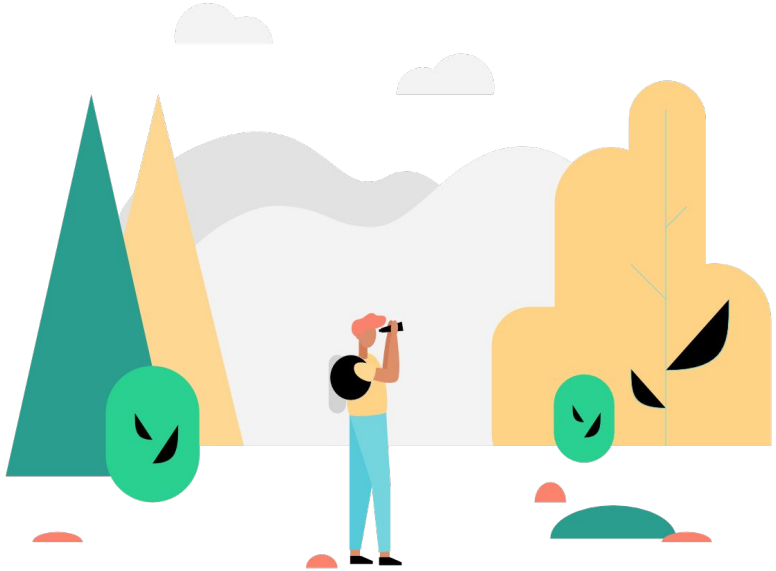
Demonstrations

- URL: putitinpark.xyz
- Demo video: vimeo.com/376705014



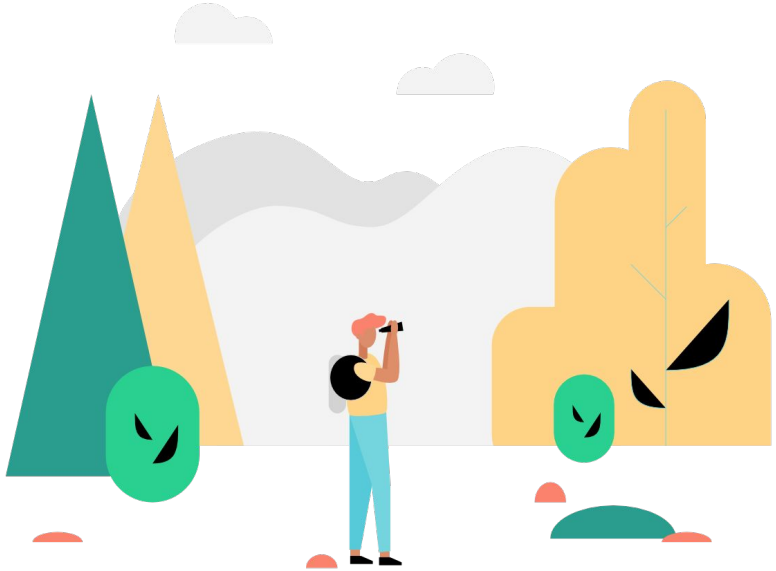
Self-Critique: What we did well

- Website is aesthetically pleasing/navigation and layout is intuitive
- Models fit nicely together
- National Parks and Recreational Area models have a solid amount of information



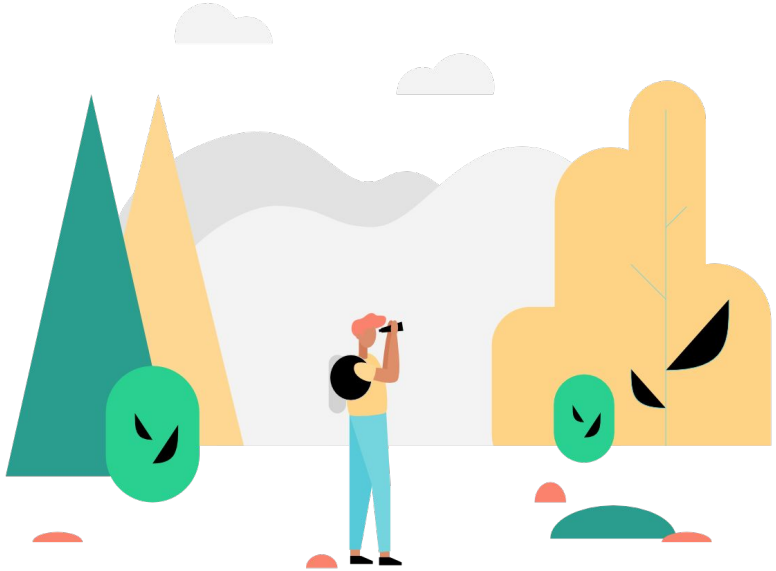
Self-Critique: What did we learn?

- Introduced to the concept of RESTful APIs
- Hosting websites on GCP
- General information about National Parks
- Common backend Python APIs and frameworks
- Dealing with asynchronous states (page is loading, but you have to fetch data)



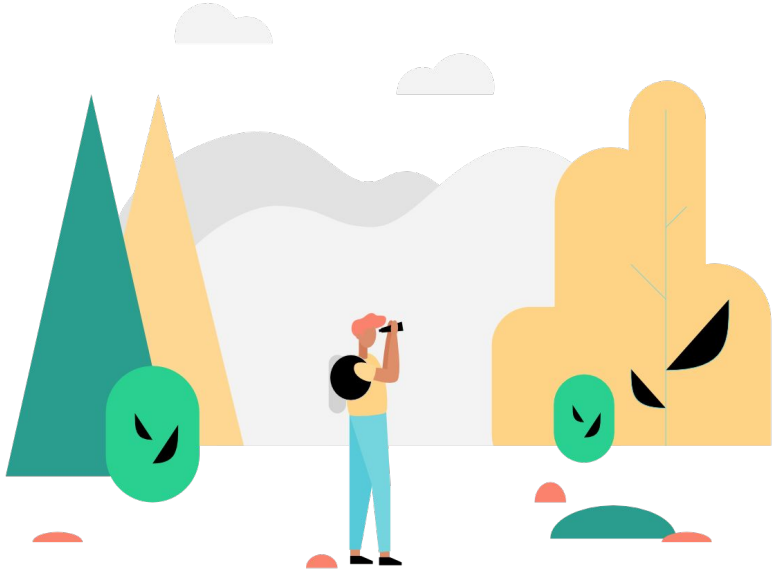
Self-Critique: What could we do better?

- Could filter recreational areas by the type of recreational activities they have
- Add visualizations for each state instance to map out where the recreational areas and national parks are
- Load images more quickly; images load slowly, especially on the National Parks model page
- Make the splash page more interesting



Self-Critique: What puzzles us?

1.) Why is Great Smoky Mountains such a popular national park?
2.) Why does the central U.S have so many national parks/rec areas, as compared to the other parts of the country?



Developer Critique

URL: foodcravings.net

Dev Critique: What did they do well?

- Responded well to customer feedback - most issues were resolved perfectly and very quickly
- The attributes for all models were very thorough
- Website is responsive and loads quickly

Dev Critique: What did we learn from their website?

- We learned about the ingredients used, pricing, and menu of different restaurants around the UT-campus area
- Using the search feature, we were able to learn about vegetarian options/recipes
- We learned dishes we can make with common grocery-store ingredients

Dev Critique: What can they do better?

- The nav bar could be more responsive when the screen is resized
- The pictures on the instance pages could be better sized to the page
- Use a container to ensure content is right next to the margins
- Make it responsive for mobile devices
- API has confusing parameters, and has unnecessarily deeply nested fields

Dev Critique: What puzzles us about their website?

- How was the team able to get the “Restaurants with similar dishes” attribute for the recipies model?
- The restaurants listed were only those around the UT campus area - would expanding this to include more restaurants be difficult?