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Trip Planner



The purpose of this app is to help organize travel plans. Either by choosing a single destination city and saving all the spots you aim to visit there.

Or if you were making multiple stops along your trip (road trip), you could save destination spots along the way.

Project Features

Searching:

- Select the number of stops you will be making (ex. 1+)
- input addresses of each stop
- filter how far you'd be willing to stray from the route (ex. 0min, 10 min, 30 min +)
- filter by type of place (ex. Restaurant, trail, view point, historic location...)

Results:

- shows list of places matching search
- allows you to save items

saved results:

- Can be narrowed by a specific trip, a specific city within that trip, and type of place it is.
- Adds saved places to route if selected

Wireframes

Search results saved★

on road

10 min

30 min

+

...

Filter:
Choose some tags to narrow down your search

Food

trails

view point

thrift shop

historic

coffee

⋮

Submit

Search

Choose # of stop points

2▼

point A → point B

address... → address...

...

distance from route

on road

10 min

30 min

+

...

Filter
Choose some tags to narrow down your search

Food

trails

view point

thrift shop

historic

coffee

⋮

Submit

results



1: local restaurants
★★★★ Food is good!

Save!

2: Mountain trail
★★★★ So pretty! <3

saved!

3: Burgers - Yum!

★★★ Yum!

Save!

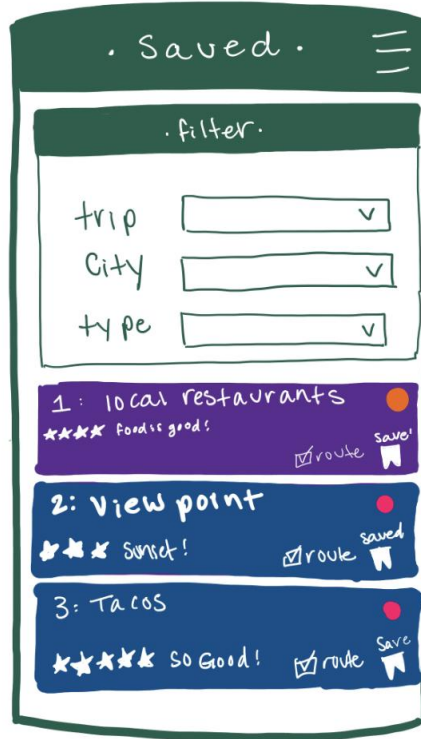
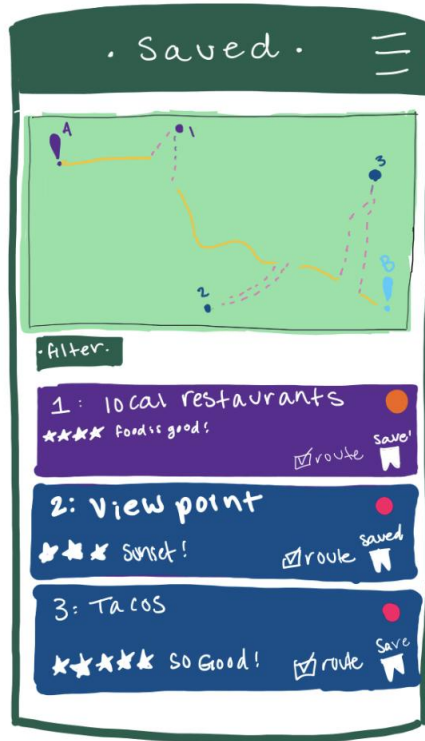
4: Forest trail

★★★★ trees!

Save!

⋮

Wireframes



- ← list of saved trips
lex. pdx → (in an city, OR)
- ← list of cities between
two location points (ex. Tillamook)
- ← ex. Food, trail, local

The Stack

Frameworks

- AngularJs
- NodeJs

Libraries

- Apollo Angular
- ng-Bootstrap

Languages

- Typescript
- HTML
- CSS

Stretch

- ExpressJs
- MongoDB

APIs

Google Maps:

Includes :

Routes- giving best routes from A-B and traffic updates

Places- retrieves data and details on over 100 million places

\$\$: pay-as-you-go

Air Visual API:

Allows us to pull data from a specific city and return real time AQI and weather data

\$\$: Free for up to 10,000 calls/month

Yelp API

Allows us to find business and places of interest on a route or destination.
Supplement Google data.

\$\$: Free REST and GraphQL end points

Stretch Goals:

- User Login
- Personal places
- Share routes
- User reviews