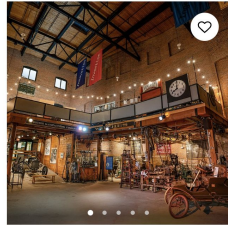




Team 6: Min Sung Kim, Cole Feuer, Jason Tigas, Hiro Chen



Planning A Trip Is Hard



1. Charles River Museum of Industry and Innovation

4.5 (66)

Specialty Museums • History Museums



By kennethbl31150f

It is located on the Charles River at the dam in a picturesque location.



2. Stonehurst The Robert Treat Paine Estate

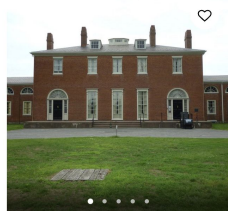
4.5 (29)

Specialty Museums



By Virgilian1

My wife, my dog, and I visited one weekend. The building and site were designed by HH Richardson and Frederick Law...



3. Gore Place

4.5 (91)

Historic Sites • Points of Interest & Landmarks



By L9393Nirobertm

The house is amazing with many fascinating features. It contains many items of furniture original to the Gore family...



Norumbega Tower

4.2 (45)



West Newton Cinema

3.9 (441)



Rose Art Museum

4.6 (104)

Over 8,000 modern & contemporary works



Jocos Bar & Kitchen

4.4 (234)



Spingold Theater

4.5 (12)

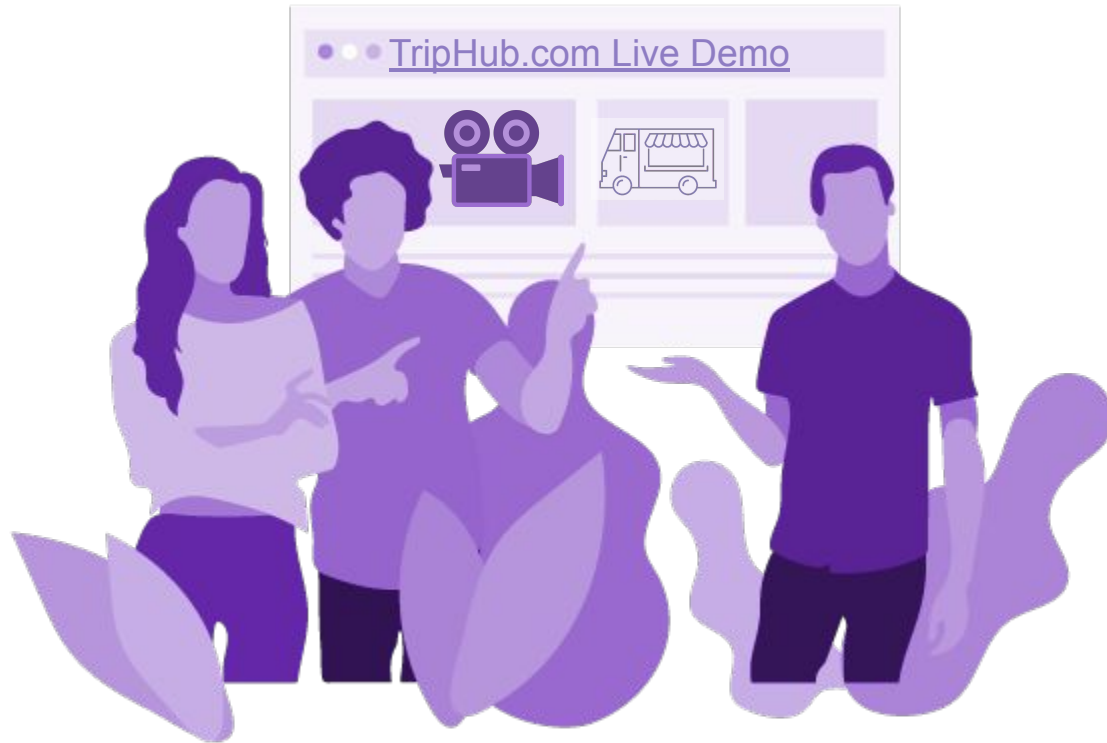


Charles River Museum of Industry & Innovation

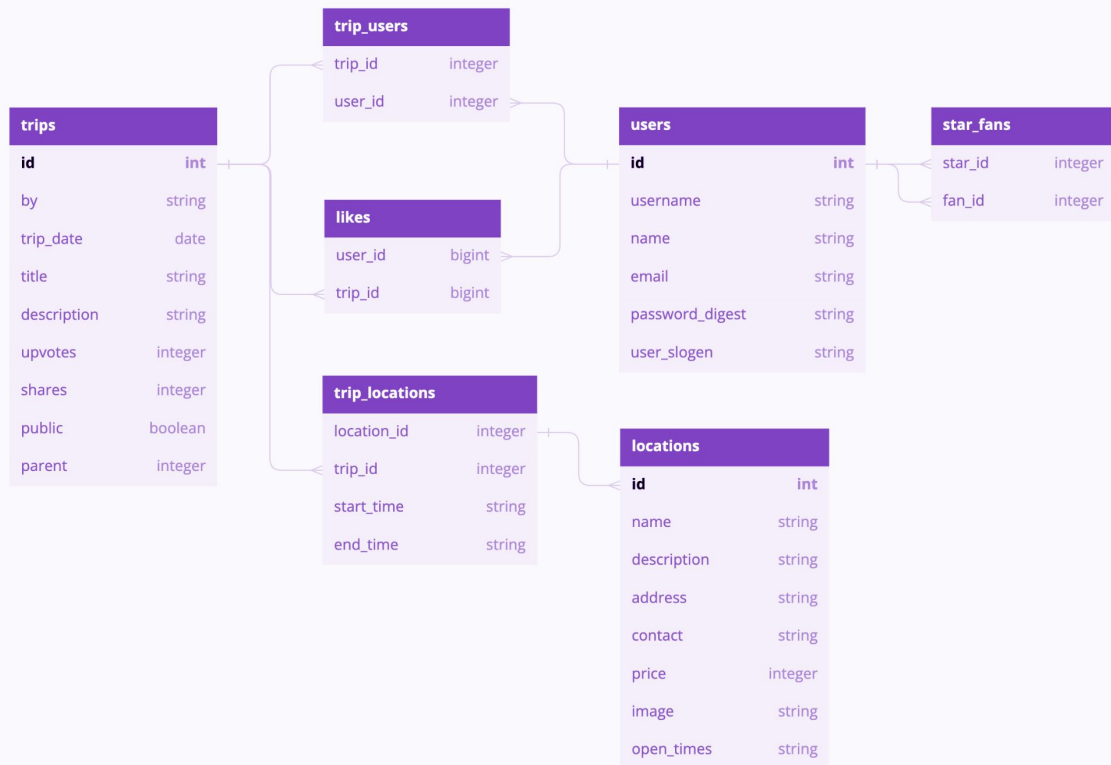
4.5 (244)

Hands-on exhibits on famous inventions

It!



Schema



Main Tables

- users
- locations
- trips

Bridge Tables

- trip_users
- trip_locations
- star_fans
- likes

Current Features

- Trip, User and Location creation
- Inviting users to collaborate on trip
- Trip display with image carousels
- Liking trips and following users
- Merge Trips after collaborating
- Signup Emails
- Searching for trips by name
- Filtering trips by number of saves and date of trip
- Searching for locations
- Ability to create new location that is automatically added to current trip

Beyond Rails Features

Merging Trips: Required complex javascript and was really difficult to implement

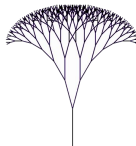
Amazon Active Image Storage



SPAs (Ajax): Used to fetch data dynamically from our API







Branching Display: Recursive HTML generated then converted into tree with CSS, also difficult to implement



Custom CSS



Image Carousel Generation: Automatic image carousel generation

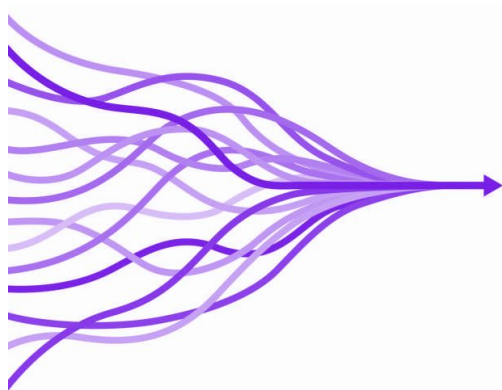
Gems	Libraries	Services
sassc-rails	<ul style="list-style-type: none"> • Bootstrap • JQuery 	<ul style="list-style-type: none"> • AWS • Heroku
jquery-rails		
bootstrap-sass		
bcrypt	 	 
amoeba		
image_processing		
aws-sdk-s3		
will_paginate		

Interesting Concepts/Algorithms

- Recursive generation of HTML
- Used asynchronous fetch requests to our API in our SPAs
- Using start time and end time to dynamically change the style of spacers and divs to create a schedule for trip merging
- Automatic image carousel generation with helper function

Most Proud Of

Merging Trips



UI



Team Communication



Team Roles

Main Frontend:

Min Sung Kim
Hiro Chen

Main Backend:

Jason Tigas
Cole Feuer

Specifics:

Javascript/Ajax:

Min Sung Kim,
Cole Feuer

Styling:

Jason Tigas,
Min Sung Kim,
Hiro Chen

Database Handling:

Cole Feuer,
Min Sung Kim,
Jason Tigas

Future Steps

- **Implement Google Map API**
- **Email Validation**
- **Address Validation**
- **Friends List**
- **AI powered recommendations**
- **Most popular trips and locations near you**

