The Dyrt Backend Team Tech Challenge

Thank you for your interest in joining the backend team here at The Dyrt. Our team is responsible for implementing and supporting the API that is consumed by our mobile apps, customer facing web and internal admin apps

As part of the interview process we'd like for you to complete this technical challenge. Please implement it in Ruby using Rails and any gems that you'd like. It should only take you a couple of hours.   We are not looking for the perfect code base, just how you implement solutions to problems presented to you.

When you have completed the challenge please, zip, tarball it, etc and send it back to dev.api@thedyrt.com within 48 hours of receiving it.

We are not interested in tripping you up. Please feel free to ask any questions you may have.

Good luck.

Requirements

1. Implement a RESTful API that will be used to manage campground availability and pricing
2. The models must contain the following:
   a. Campground
      i. name: every Campground has a name
      ii. campsites: each Campground requires a minimum of one associated campsite
      iii. booked_dates: Campgrounds can derive a list of booked dates from their associated Campsites
      iv. price_range: Campground derive a price range from their associated Campsite
   b. Campsite
      i. name: every Campsite has a name
      ii. campground: every Campsite is associated with a Campground
      iii. booked_dates: each Campsite keeps track of which nights it is booked
      iv. price: each Campsite has a single price per night
3. You may implement additional models to support the Campground and Campsite if you see fit.

4. Attached to this challenge you should have received a CSV with campground data to seed the database. Implement a means of loading this data. There doesn't have to be an API endpoint for this, a console based solution is perfectly acceptable.
5. The API must implement all CRUD methods for all models
6. The API must have an endpoint that returns a list of Campgrounds that are available on a specific date range.
7. API must have an endpoint that returns a list of Campgrounds ordered by price, both low to high, and high to low.