

# Challenge: Customer APIs

An API to manage, share, and track customer experience

## Description/Goals

The support team at Mystic Dream, a vacation company, is streamlining their customer logistics. The team has recently observed a spike in new customers and is finding it increasingly more difficult to manage and track all steps involved in scheduling customer trips. Mystic Dream's team has built an interface to track customer progress. However, the team has not yet built a data layer. Your challenge is to build two APIs that will load and store data related to the interface. One API is to manage customer information, while the other API is to manage and track steps in the trip planning process.

*For this challenge, disregard an interface and focus on the API and the data structures supporting it.*

## Goals

- Improve consistency in tracking a customer
- Track team members associated with acted on steps
- Track when a change occurred for an acted on step
- Allow for listing of steps related to a customer
- Allow steps to have prioritization ordering

## Expectations

- APIs responses should return as `json:api`
- APIs should be RESTful if possible
- APIs should have tests
- Use a Github repository with feature branches or multiple commits to share progress (e.g. - do not make one big commit)

## Options

Language of your choice (we use node, but it is not required)