

Dinner Dash

In this project you'll build an online commerce platform for a restaurant to facilitate online ordering.

Base Expectations

You are to build an online ordering system for a restaurant which offers the complete functionality for restaurant customers to order food and restaurant administrators to process and complete those orders.

Unauthenticated Users

As an unauthenticated user, I can:

- Browse all items
- Browse items by category
- Add an item to my cart
- View my cart
- Remove an item from my cart
- Increase the quantity of a item in my cart
- Log in, which does not clear the cart

Unauthenticated users are *NOT* allowed to:

- View another user's private data (such as current order, etc.)
- Checkout (until they log in)
- View the administrator screens or use administrator functionality
- Make themselves an administrator

Authenticated Users (Non-Administrators)

Allowed To:

- do everything Unauthenticated Users can do except "log in"
- log out
- view their past orders with links to display each order
- on that order display page there are:
 - items with quantity ordered and line-item subtotals
 - links to each item description page

- the current status of the order
- order total price
- date/time order was submitted
- if completed or cancelled, display a timestamp when that action took place
- if any item is retired from the menu:
 - they can still access the item page
 - they cannot add it to a new cart

NOT allowed to:

- view another user's private data (such as current order, etc.)
- view the administrator screens or use administrator functionality
- make themselves an administrator

Administrators

As an authenticated Administrator, I can:

- Create item listings including a name, description, price, and upload a photo
- Modify existing items' name, description, price, and photo
- Create named categories for items (eg: "Small Plates")
- Assign items to categories or remove them from categories. Products can belong to more than one category.
- Retire a item from being sold, which hides it from browsing by any non-administrator

As an Administrator, I can also view an order "dashboard" where I can:

- See a listing of all orders with:
 - the total number of orders by status
 - links for each individual order
 - filter orders to display by status type (for statuses "ordered", "paid", "cancelled", "completed")
 - link to transition to a different status:
 - link to "cancel" individual orders which are currently "ordered" or "paid"
 - link to "mark as paid" orders which are "ordered"
 - link to "mark as completed" individual orders which are currently "paid"
- Access details of an individual order, including:
 - Order date and time
 - Purchaser full name and email address
 - For each item on the order:
 - Name linked to the item page
 - Quantity
 - Price

- Line item subtotal
- Total for the order
- Status of the order

***NOT* allowed to:**

- Modify any personal data aside from their own

Data Validity

There are several types of entities in the system, each with certain required data. Any attempt to create or modify a record with invalid attributes should return the user to the input form with a validation error indicating the problem along with suggestions how to fix it.

Item

- An item must have a title, description, and price.
- An item must belong to at least one category.
- The title and description cannot be empty strings.
- The title must be unique for all items in the system.
- The price must be a valid decimal numeric value and greater than zero.
- The photo is optional. If not present, a stand-in photo is used.

User

- A user must have a plausibly valid email address that is unique across all users
- A user must have a full name that is not blank
- A user may optionally provide a display name that must be no less than 2 characters long and no more than 32

Order

- An order must belong to a user
- An order must be for one or more items currently being sold

Example Data(Seeds)

To support the evaluation process, please make the following available via the `rake db:seed` task in your application:

- **Items**

- At least 20 items of varying prices
- Some of the items should be attached to multiple categories

- **Categories**

- At least 5 categories with a varying number of member items

- **Orders**

- At least 10 sample orders, with at least two at each stage of fulfillment (ordered, completed, cancelled)

- **Users**

- Normal user with full name "Rachel Warbelow", email address "demo+rachel@jumpstartlab.com", password of "password" and no display name
- Normal user with full name "Jeff Casimir", email address "demo+jeff@jumpstartlab.com", password of "password" and display name "j3"
- Normal user with full name "Jorge Tellez", email address "demo+jorge@jumpstartlab.com", password of "password" and display name "novohispano"
- User with admin privileges with full name "Josh Cheek", email address "demo+josh@jumpstartlab.com", password of "password", and display name "josh"

Note:

- ***For Authentication Use `Devise` gem***
- ***And For Authorization Use `Pundit` gem.***