

Lab: Routing

Problem 1. Initial Setup

Explore the provided **skeleton**. Install **dependencies** in both projects and run them. Use [Postman](#) to **test** signing up and signing in Kinvey.

Problem 2. Implement Furniture Store

In the app, you should have the following URL's:

- Create Furniture (POST): **/furniture/create**
- All Furniture (GET): **/furniture/all**
- Furniture Details (GET): **/furniture/details/{id}**
- My Furniture (GET): **/furniture/mine**
- Delete Furniture (DELETE): **/furniture/delete/{id}**

Create Furniture

HTML template:

```
<div class="container">
  <div class="row space-top">
    <div class="col-md-12">
      <h1>Create New Furniture</h1>
      <p>Please fill all fields.</p>
    </div>
  </div>
  <form>
    <div class="row space-top">
      <div class="col-md-4">
        <div class="form-group">
          <label class="form-control-label" for="new-make">Make</label>
          <input class="form-control" id="new-make" type="text">
        </div>
        <div class="form-group has-success">
          <label class="form-control-label" for="new-
model">Model</label>
          <input class="form-control is-valid" id="new-model"
type="text">
          <div class="form-control-feedback">This input value is
valid</div>
```

```

        </div>
        <div class="form-group has-danger">
            <label class="form-control-label" for="new-year">Year</label>
            <input class="form-control is-invalid" id="new-year"
type="number">
            <div class="form-control-feedback">This input value is
invalid</div>
        </div>
        <div class="form-group">
            <label class="form-control-label" for="new-
description">Description</label>
            <input class="form-control" id="new-description" type="text">
        </div>
    </div>
    <div class="col-md-4">
        <div class="form-group">
            <label class="form-control-label" for="new-
price">Price</label>
            <input class="form-control" id="new-price" type="number">
        </div>
        <div class="form-group">
            <label class="form-control-label" for="new-
image">Image</label>
            <input class="form-control" id="new-image" type="text">
        </div>
        <div class="form-group">
            <label class="form-control-label" for="new-material">Material
(optional)</label>
            <input class="form-control" id="new-material" type="text">
        </div>
        <input type="submit" class="btn btn-primary" value="Create" />
    </div>
</div>
</form>
</div>

```

Validate fields:

- Make and Model must be at least **4 symbols** long
- Year must be between **1950** and **2050**
- Description must be **more** than **10 symbols**
- Price must be a **positive number**
- Image URL is **required**

- Material is **optional**

If the creation is **successful** show a **message** and **redirect** to all furniture.

FURNITURE STORE
LOGOUT
DROPDOWN *

CREATE NEW FURNITURE
Please fill all fields.

Make

Price

1

Model

Image

Year

0

Material (optional)

Description

CREATE

All Furniture

HTML template:

```
<div class="container">
  <div class="row space-top">
    <div class="col-md-12">
      <h1>Welcome to Furniture System</h1>
      <p>Select furniture from the catalog to view details.</p>
    </div>
  </div>
  <div class="row space-top">
    <div class="col-md-4">
      <div class="card text-white bg-primary">
        <div class="card-body">
          <blockquote class="card-blockquote">
            
            <p>Description here</p>
            <footer>Someone famous in
              <cite title="Source Title">Source Title</cite>
            </footer>
          </blockquote>
          <div class="pull-right">
            <a href="#" class="btn btn-info">Details</a>
          </div>
        </div>
      </div>
    </div>
  </div>
</div>
```

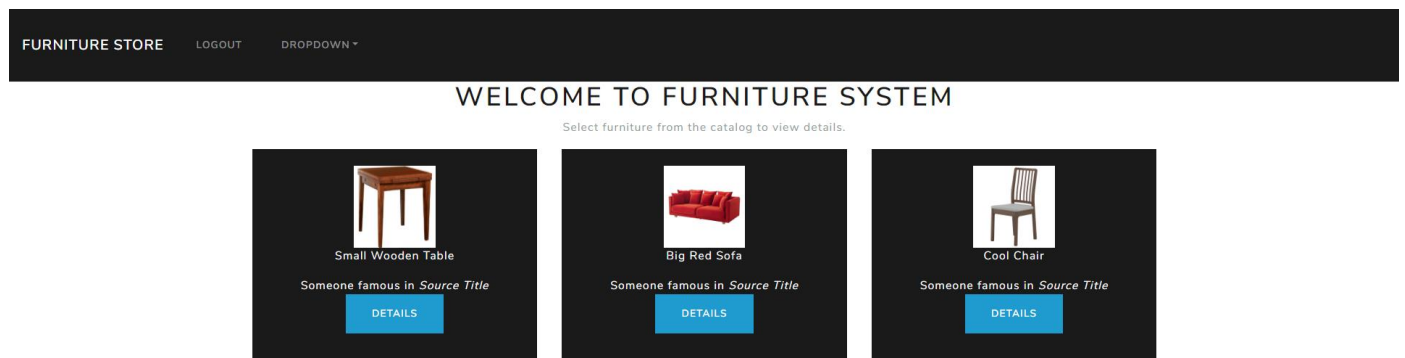
```

        </blockquote>
      </div>
    </div>
  </div>
</div>
</div>

```

List all furniture inside the store.

Create a router link to **redirect to details**.



Furniture Details

HTML template:

```

<div class="container">
  <div class="row space-top">
    <div class="col-md-12">
      <h1>Furniture Details</h1>
    </div>
  </div>
  <div class="row space-top">
    <div class="col-md-4">
      <div class="card text-white bg-primary">
        <div class="card-body">
          <blockquote class="card-blockquote">
            
          </blockquote>

```


```

        </div>
    </div>
</div>
<div class="col-md-4">
    <p>Make: make</p>
    <p>Model: model</p>
    <p>Year: year</p>
    <p>Description: description</p>
    <p>Price: price</p>
    <p>Material: material</p>
</div>
</div>
</div>

```

Get the **id** from the **URL** and **display** the information.

FURNITURE STORE
LOGOUT
DROPDOWN



FURNITURE DETAILS

Make: Table

Model: Swedish

Year: 2015

Description: Small Wooden Table

Price: 2

Material: Wood

My Furniture

HTML template:

```
<div class="container">
  <div class="row space-top">
    <div class="col-md-12">
      <h1>Profile Page</h1>
      <p>Listing your furniture.</p>
    </div>
  </div>
  <div class="row space-top">
    <div class="col-md-4">
      <div class="card text-white bg-primary">
        <div class="card-body">
          <blockquote class="card-blockquote">
            
            <p>Description Here</p>
            <footer>Someone famous in
              <cite title="Source Title">Source Title</cite>
            </footer>
            <div class="pull-right">
              <a href="#" class="btn btn-info">Details</a>
              <a href="#" class="btn btn-danger">Delete Item</a>
            </div>
          </blockquote>
        </div>
      </div>
    </div>
  </div>
</div>
```

List all **user created** furniture, link to **redirect** to details and ability to **delete** your own items.