Front End Code Challenge

Overview

We've provided you with a working Ember.js web application, built with the following requirements. The application can be accessed at https://public.gavant.com/code-challenge/front-end.zip and you are asked to complete a few tasks.

Requirements

Build a basic CRM that tracks prospective customers and their available project budget. The application uses the Robust UI Kit Bootstrap theme (https://robust.bootlab.io).

The customer list view needs to show first name, last name, email, phone, company, project and budget. The list is sorted by the customer's full name (ascending) by default. The user can click on a row to edit the item detail.

The customer detail view is used to edit a customer record. All fields are required. Additionally, the email address and budget must be valid formats. When the user hits save, he's brought back to the customer list view and the record reflects the updates.

Objective

Complete the following tasks including all supporting materials such as unit tests and/or documentation.

1. Verify that the views provided meet the above specification. Make any adjustments that are needed.
2. Add an option to sort by customer budget (descending).
3. Add a keyword search to the customer list (matches name, company, project) using client-side filtering.
4. Add a new "Dashboard" menu item with new view showing the following widgets of information:
   o Total count of customers and total sum of customer budget
   o List of top 5 prospects (sorted highest budget descending)
   o Bonus: Whatever else you think is helpful at a glance on such a summary view

Considerations

- This exercise is not timed and you are not rewarded for a fast turnaround. This exercise should be treated as any development task – the code should be clean, robust and production-worthy. In other words, "Would I commit this to a repository for all to see?"
- Conventions, standards, and best-practices should be adhered to.
- Thoughtful design paradigms should be considered. Be prepared to defend your design choices and/or the details of your implementation.
- We're looking for attention to detail, design and creativity

Deliverables

Your submission should be submitted as a link to a GitHub or GitLab repository - both services offer free accounts for hosting repositories.