ShopBack Full-Stack Code Challenge

Mission

You need to create a web application about audience interaction. Actually, <u>sli.do</u> is such kind of application, it's a Live Q&A and Polls for a Meetings & Events.

This is a simple online demo: https://app.sli.do/event/demo/

Use Cases

In this code challenge, there're only two roles in this system: Admin and Audience

- Admin

In this system, Admin is a event creator/owner, you need to create two page for them:

- 1. Create Event Page
 - i) He/she need to login
 - ii) Admin need to define a period for this event
 - iii) Admin need to define a unique code for this event
- 2. Manage Event Page
 - i) Admin can delete/edit any audience questions
 - ii) Admin can highlight a audience question if he/she consider this is a good question
 - i) Maximum highlight amount is 3

- Audience

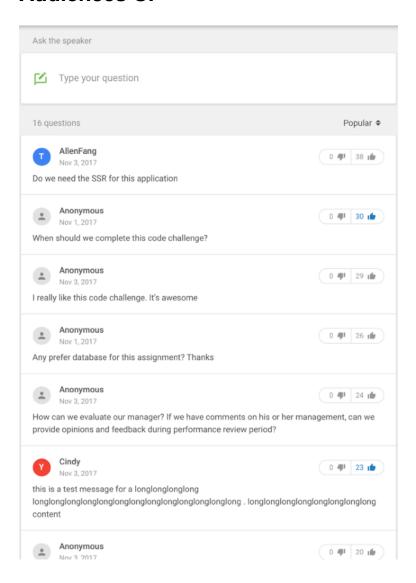
In this system, Audience can join an event room and ask any question to event owner,. In this role, you also need to create two simple page

- 1. Join Event Page
 - i) Audience can join an event by an unique code
 - ii) If current time is not match or code is not existing, audience can't join this event
 - iii) Audience no need to login, everyone can join it.
- 2. Event Room Page
 - i) Audience can ask any question
 - ii) Audience can see all of the questions in this event room
 - i) Default sorted as popular(Most LIKE)
 - ii) Audience can choose to sort by created time
 - iii) Any newest question should be showed without delay
 - iii) Audience can vote any questions as LIKE/UNLIKE but vote it only once

System Scope

- High level description of design and technologies used
- Frontend: You can use any modern web frameworks (Preferably React.js)
- Backend: Java / Ruby on Rails / Node.js / PHP (Preferably Node.js)
- Docker or Vagrant is necessary for us to setting up your application easily
- Write the tests as best as you can

Audiences UI



Admin UI

