CS3249 – Project on React, Meteor and Unit Testing

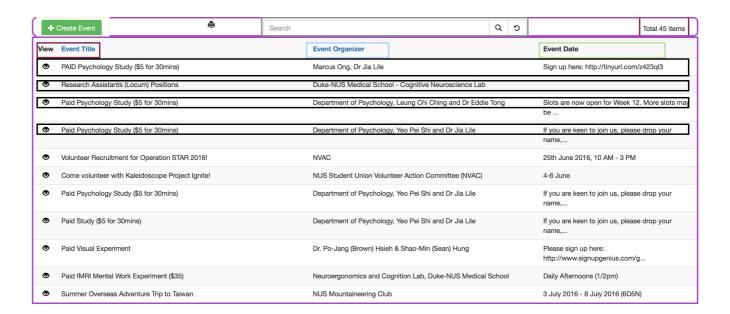
Introduction

This project is part of the Assignment 3 of Module CS3249 taken at the National University of Singapore. The aim of this project was to recreate the IVLE Events page using React.js for the frontend and integrate it with Meteor to create a functional web application.

I would like to start by apologizing upfront for not finishing the project. I have allocated my time very badly so I have not been able to complete this project. This is all I have been able to do for it.

Design and Implementation

I have first broken the UI into smaller components.



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- The full page
 - Top part
 - Create
 - Search
 - Total
 - Table
 - Table header
 - Event title
 - Event Organizer
 - Table Body
 - Events

The search bar has is the element that is a State in the app. Its content is not sent as a prop, it changes over time as it is the input of the user and it can't be computed from other props or states.

With FlowRouter, I have implemented the flow of the application. It starts at the login (still not implemented), goes to the event list. From here it can either go to create a new event by pressing the Create New Button or it can popup the details of one event by pressing on the "eye" of any event (not implemented fully yet).

Structure of the Project Folder

Inside the project, this are the main folders:

- Client
- Imports
 - o Api
 - o Ui
- Server

The main thing that I have done is make the imports folder in which I have the UI, the JSX files responsible for the rendering of the front end and the api in which I stored the MongoDB collection.

Running this Project

To run this project, open the terminal, move into the projects directory and then enter the 'meteor run' command.

Contributions

As I haven't had a teammate, I have done all the work for this project