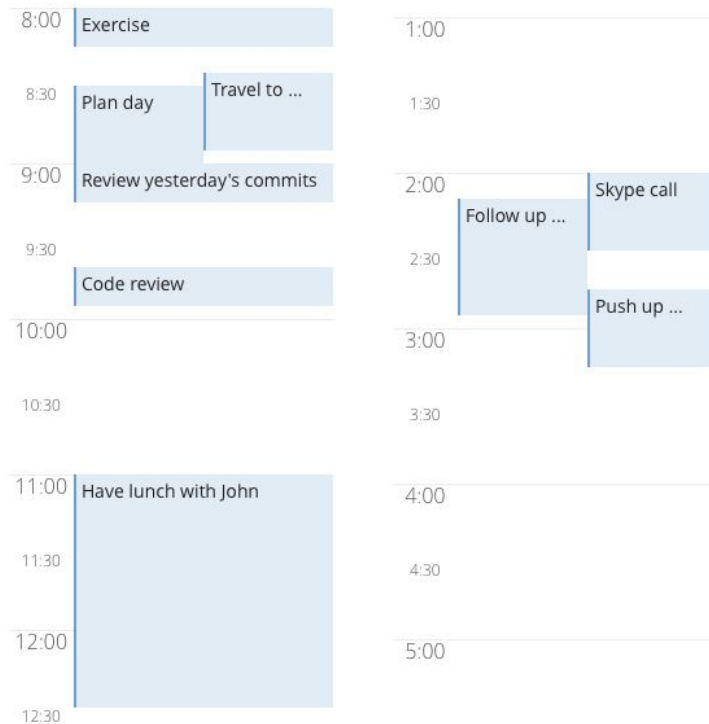# Redux Test project

Goal

By creating simple event calendar app using react/redux/express/mongo stack you should demonstrate your awareness of how to work with related technologies.

Image 1 *- Calendar layout*

Requirements

1. User should be able to view calendar with layout similar to one displayed on image 1
   a. Conflicting events should be the same width, and should not overlap
   b. Max event width is 200px
   c. Event background color is #E2ECF5 with #6E9ECF border color
   d. Event font is Open Sans, 14px
   e. Calendar time font is Open Sans with around 200 font weight, 16px large, 12px small.
   f. Titles should be 1 line and should not overflow outside the calendar-event box. If the title is too long to fit, ellipsis ("…") should be used.
   g. Events will be between 8am to 5pm (there's a label for 5pm but events will not exceed 5pm)

      h.   Calendar will cover only one same day
2. User should be able to add/remove events from his calendar
3. User should be able to export his calendar in JSON as follows:

```
// `start` & `duration` are measured in minutes
// `start: 0` is 8:00a
[
  {start: 0,  duration: 15, title: "Exercise"},
  {start: 25, duration: 30, title: "Travel to work"},
  {start: 30, duration: 30, title: "Plan day"},
  {start: 60, duration: 15, title: "Review yesterday's commits"},
  {start: 100,  duration: 15, title: "Code review"},
  {start: 180,  duration: 90, title: "Have lunch with John"},
  {start: 360,  duration: 30, title: "Skype call"},
  {start: 370,  duration: 45, title: "Follow up with designer"},
  {start: 405,  duration: 30, title: "Push up branch"},
]
```

4. User should be able to login and persist his inputs between logins
5. Solution should be provided as a link to git repository