

Coligo Technologies (Frontend Challenge)

Spec

Create a frontend application that looks like the image below using React and Redux.

- The application must be built using reusable components as much as you can.
- Use CSS3 and your preferred server-side CSS pre-processing platforms, such as LESS and SASS.
- There is no restriction on the colors and the fonts. Use your own favorites.
- The background and foreground of the links in the side bar must be changed to white when the mouse hover it.
- Create a fake service called fakeAnnouncementService that is used to get all the data needed in the announcement component.
- Create a fake service called fakeQuizzesService that is used to get all the data needed in the quizzes component.
- Prepare a real service called announcementService that is used to get real data from the following fake endpoint <http://test.coligolms.com/api/announcement> and use Redux middleware in calling it.
- Prepare a real service called quizzesService that is used to get real data from the following fake endpoint <http://test.coligolms.com/api/quiz> and use Redux middleware in calling it.
- Use your favorite http service package and put the logic into a file so that you can change the package later.
- This dashboard should be rendered only to the logged in users. Make a log in/out button in the home page that allow the user to login without any username or password. If the user is logged in, the dashboard is shown, otherwise, the home page is shown. Make a Higher Order Component (HOC) called requireAuth that render the dashboard component only to the logged In users and redirect other users to the home page.
- The whole challenge should be responsive and can fit to any screen size.
- Prepare your application to be translated in the future using I10n concept and packages.
- Use your favorite test library to apply unit tests and integration tests to verify your code.

You are free to use any package in React.js. If you choose a framework that generates boilerplate code, please specify in the README which code was written by you.

Delivery:

- Upload your code to a github account, send the URL and specify the time you spent writing the challenge.
- (Optional) Deploy the challenge into one of the free platform (Example: <https://www.heroku.com/>).

The screenshot shows the Coligo dashboard for a user named Talia. The interface is divided into a dark blue sidebar on the left and a main content area. The sidebar contains navigation links: Dashboard (active), Schedule, Courses, Gradebook, Performance, and Announcement. The main content area has a header with the user's name 'Welcome Talia,' and a search bar. Below the header, there's a large section titled 'EXAMS TIME' with a motivational quote by Albert Einstein and a 'View exams tips' button. To the right of this section is an illustration of a laptop, calculator, and papers. Below the 'EXAMS TIME' section, there are two columns. The left column is titled 'Announcements' and lists four items: Mr. Ahmed Mostafa (Math 101), Mrs. Salma Ahmed (Physics 02), School management, and Events Manager. The right column is titled 'What's due' and lists two items: Unit 2 quiz (Physics 02) and 12-12 Assignment (Arabic K12). Each item in the 'What's due' section has a 'Start Quiz' or 'Solve Assignment' button.

Coligo

Welcome Talia,

Search

EXAMS TIME

Here we are, Are you ready to fight? Don't worry, we prepared some tips to be ready for your exams.

"Nothing happens until something moves" - Albert Einstein

[View exams tips](#)

Announcements All

We educate warriors! Keep updated :)

- Mr.Ahmed Mostafa** Math 101
Hi my heros! I just want you ready to our exams and focus on remaining assesments to gain more grades. good luck my warriors! 😊
- Mrs.Salma Ahmed** Physics 02
Hello my students, I want to announce that the next quiz will be within 3 days and will cover the whole unit2: Add and subtract number, Study hard Good luck :)
- School management** Management
Goooooooooooo morning, Warriors! That get-ready-for-the-day call is heard each morning by 850 students at Goodwyn Junior High School in Tagamoo', Egypt. I just want you ready to our exams and focus on remaining assesments to gain more grades. good luck my warriors! 😊
- Events Manager** Events
Helloooo, Can't wait our upcoming trip on the next weekend, The trip will be to Dreampark and Pyramids :D to book your seat please contact your class teacher.

What's due All

Sometimes "LATER" becomes "NEVER". Go Now

- Unit 2 quiz**
Course: Physics 02
Topic: Unit2: Motion and forces
Due to: 20 Dec 2017 - 09:00 PM
[Start Quiz](#)
- 12-12 Assignment**
Course: Arabic K12
Topic: الوحدة الثانية - الأفعال
Due to: 20 Dec 2017 - 09:00 PM
[Solve Assignment](#)