

# Entrepreware (Fullstack Challenge)

## Project Spec:

This project should present student quizzes and announcements data for the current semester.

Create a full-stack application that looks like the image below using (**React and Redux**) for the frontend part, and (Express.js or Nest.js and MongoDB) for the backend.

## Frontend Part:

- This dashboard should be rendered only to the logged-in users. Make a log-in/out button on the home page that allows 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 renders the dashboard component only to logged-in users and redirects other users to the home page.
- The whole challenge should be responsive and can fit to any screen size.
- 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.
- The background and foreground of the links in the sidebar must be changed to white when the mouse hovers on it.
- Prepare your application to be translated in the future using the i10n concept and packages.
- Use your favorite test library to apply unit tests and integration tests to verify your code.
- There is no restriction on the colors and the fonts. Use your own favorites.

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.

## Backend Part:

- Create a web service that will be used to retrieve all announcement data.
- Create a web service that will be used to retrieve all of the quiz data.
- Make all of the CRUD operations for the announcement and quiz.

Be aware that we will mainly take into consideration the following evaluation criteria:

- How clean and structured your code is.
- How you follow Best Practices in your code.
- If you implemented the business rules correctly.

## 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 platforms (Example: <https://www.heroku.com/> ).

Coligo

Dashboard

Schedule

Courses

Gradebook

Performance

Announcement

Welcome Talia,

Search

1

3

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

Gooooooooooooo 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