

Events Registration App

Overview

Web-based application for events registration.

There are three complexity levels: base, middle and advanced.

The base level is sufficient to pass the test task stage. Still, accomplished tasks with a harder level of complexity will highly increase your chance of getting to the school.

Requirements

- Add instructions in the readme.md file on how to run the application.
- Upload source code to GitHub/BitBucket/GitLab and share a link.
- Host an application in any preferable way and share the URL to access it.
- The front-end part must be done in HTML/CSS/JavaScript (with or without any framework), with any preferred design style.
- The back-end part can be done in NodeJS with or without any framework.
- Use any relational or non-relational database.

Base level

- **Events board page:** implement the events board page where users can observe the paginated list of available events. List of events can be pre-populated in the database manually or via seed script. Event should consist of:
 - title;
 - description;
 - event date;
 - organizer;



Events

Title description Register View	Title description Register View	Title description Register View	Title description Register View
Title description Register View	Title description Register View	Title description Register View	Title description Register View
Title description Register View	Title description Register View	Title description Register View	Title description Register View

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- **Event registration page:** by clicking on “Register”, users should be redirected to the event registration page, which contains a registration form with the following fields: full name, email, date of birth, “where did you hear about this event?”. Once the form is submitted, the response should be stored in a database.

Event registration

Full name

Email

Date of birth

Where did you hear about this event?

☐ Social media ☐ Friends ☐ Found myself



- **Event participants page:** implement the event participants page where users can see a list of registered participants. This page should be available by clicking on the “View” button.

"Awesome Event" participants

John Doe john.doe@mail.com	John Doe john.doe@mail.com	John Doe john.doe@mail.com	John Doe john.doe@mail.com
John Doe john.doe@mail.com	John Doe john.doe@mail.com	John Doe john.doe@mail.com	

Middle level

- Everything from the base level
- **Events board page:** add ability to sort events by: title, event date, organizer.
- **Event registration page:** add form validation (come up with your own requirements for fields' validity).
- **Event participants page:** add ability to search participants by full name, email.

Advanced level

- Everything from the middle level
- **Events board page:** add infinite scroll pagination (when a user scrolls the page, it automatically loads more events).
- **Event participants page:** add line/bar chart displaying the amount of registrations per day for the given event.
- Implement a separate script that runs at a defined interval of time: it fetches the list of available events from a third-party API and stores them as events in your database. You can search for any free API available on the internet.