

Frontend for Conference Schedule API

1. About Project

My project is a frontend application made with JS and React. It helps user to conveniently plan his/her participation in the conference. I was only responsible for the frontend, backend was delivered by professor. This report contains screenshots of all functionalities.

2. Used frameworks and libraries

- a. **React** – Most popular JavaScript library used for building user interfaces. Maintained by Facebook company.
- b. **React Router and React Router Dom** – React's navigational components responsible for handling routing in web and mobile project.
- c. **Antd** – React UI library containing a lot of modern and high-quality components. Chosen because of its user-friendly implementation.
- d. **Axios** – Library allowing developers to make HTTP requests based on promises.
- e. **Js-cookie** – Library for handling browser cookies.
- f. **Js-file-download** – Simple function to trigger browser to save data to file as if it was downloaded.
- g. **Jwt-decode** – Small library that helps in decoding/encode/ JWT tokens based on Base64 encoding.
- h. **Lodash** – Library delivering some useful functions while operating on data in JS.

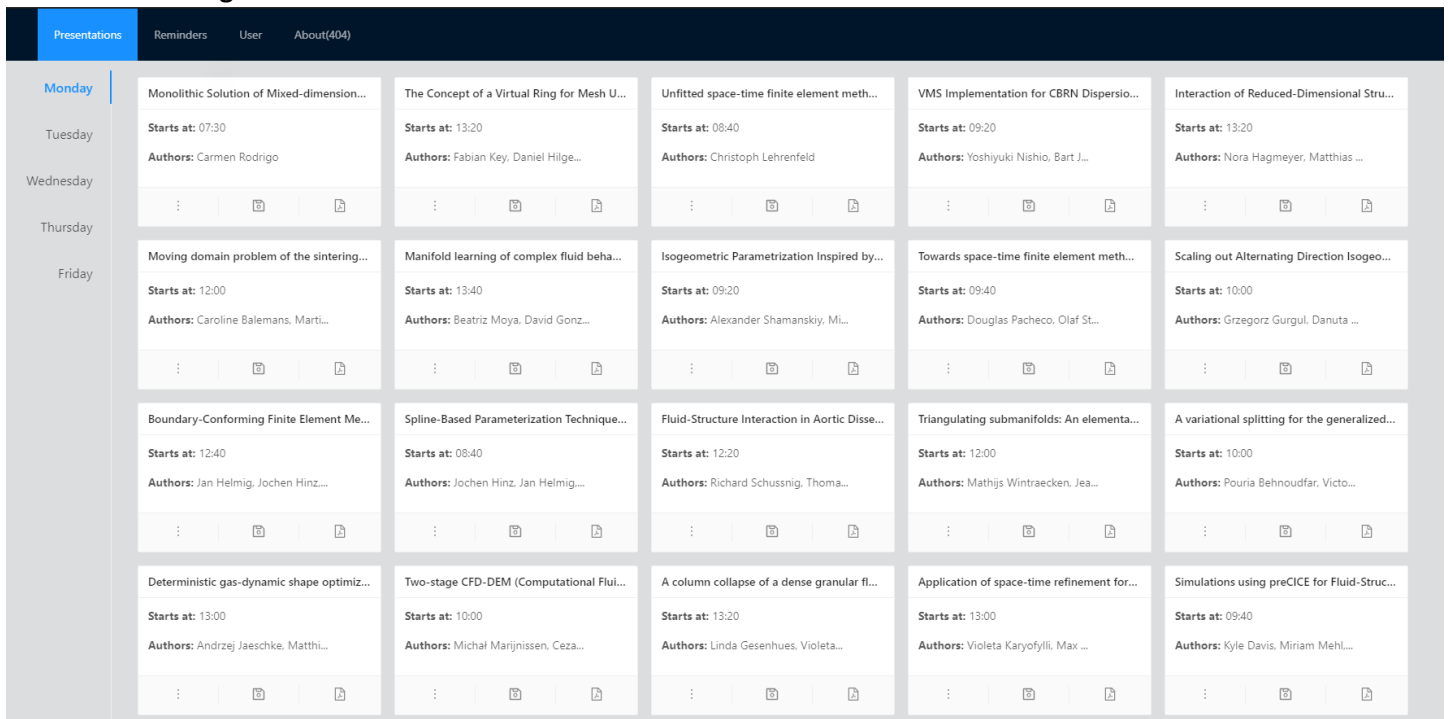
3. Functionalities list

My project allows user to:

- 1. Create own account and manage it.
- 2. View planned presentations, get more information and download files assigned to them
- 3. Organize participation in conference by saving and editing reminders about presentation

4. Presentation of functionalities

a. Main Page

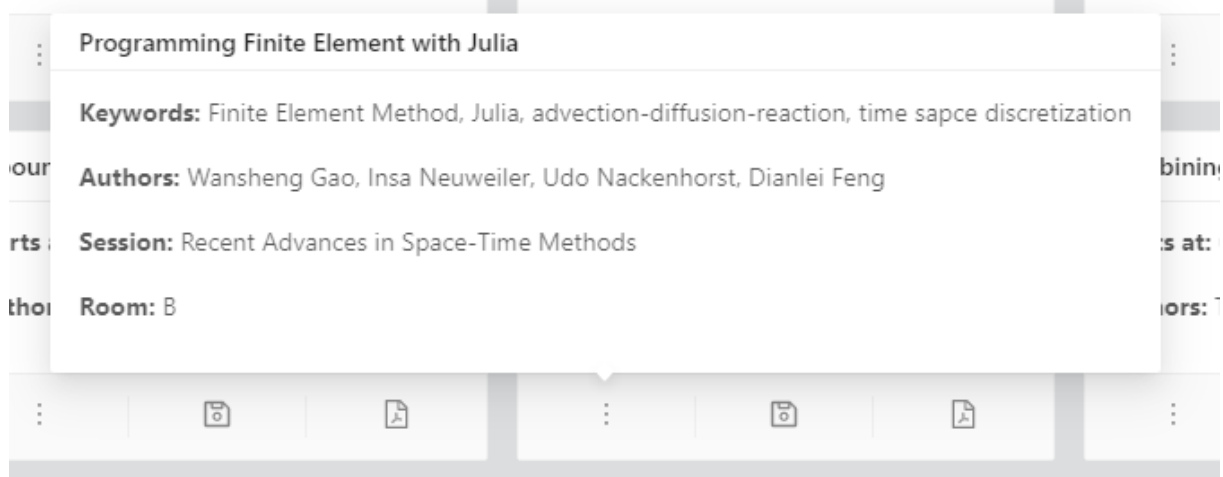


On the main page we can see top menu bar to navigate in my page. Default screen contains list of presentations divided into tabs for each day of a week-long conference. Single presentation Card shows shortened information about the event.

User can use 3 buttons to make different actions:

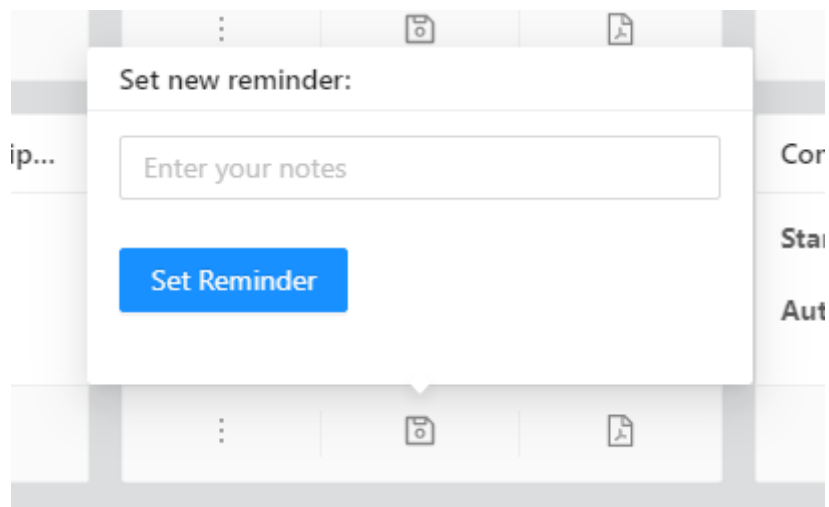
3 Dots Button (More)

Show more information about the presentation in the pop-up window



Save Button

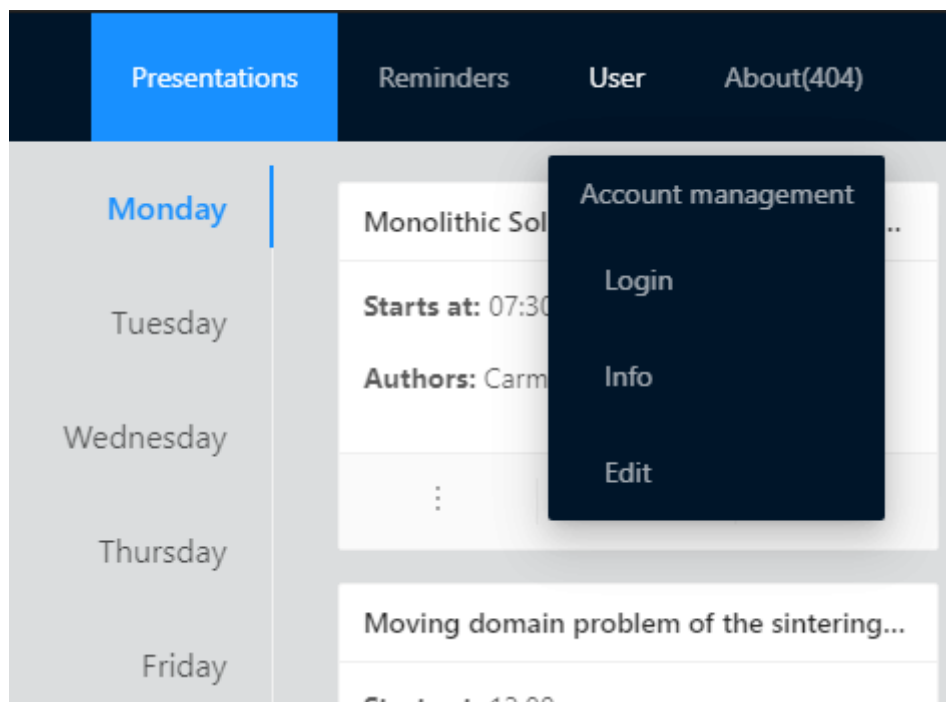
Shows a form allowing user to create a reminder to the presentation with his own note



.pdf File Button

Downloads assigned file (if exists)

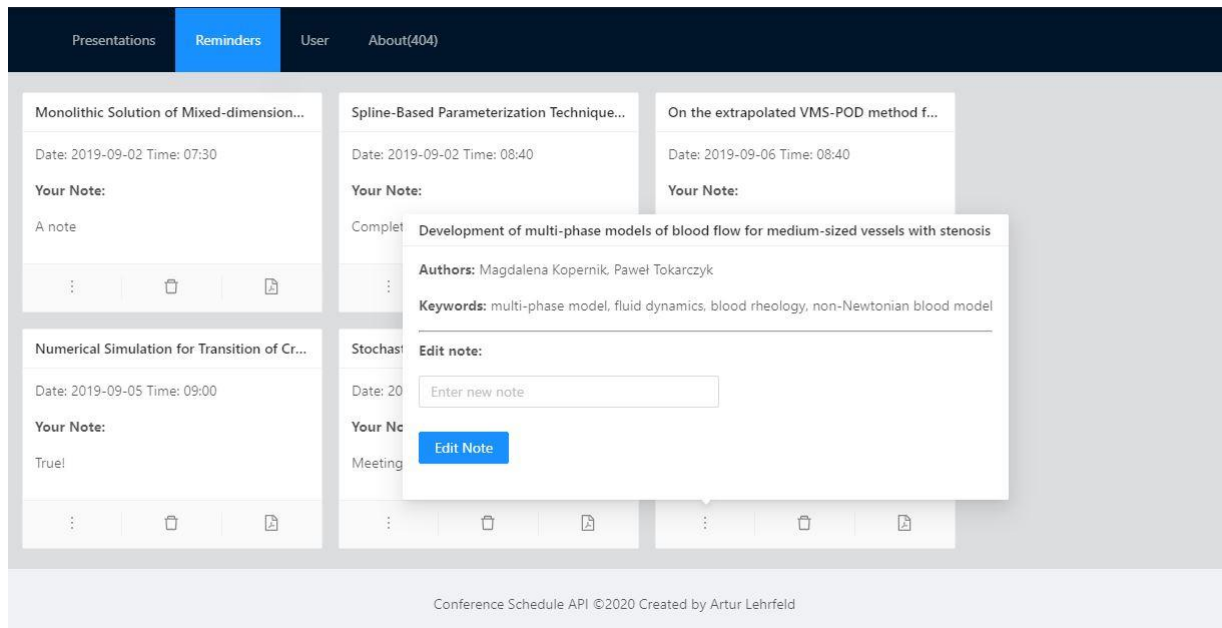
b. Menu bar



Allows to navigate through project. Highlights the page which is currently displayed.

- **Presentations** – Main page showing list of presentations filtered by a day
- **Reminders** – Page containing list of reminders created by logged in user
- **User** – Submenu containing links to login form, info page and editing credentials form
- **About(404)** – Simple routing linking to non existing page to show special 404 component

c. Reminders



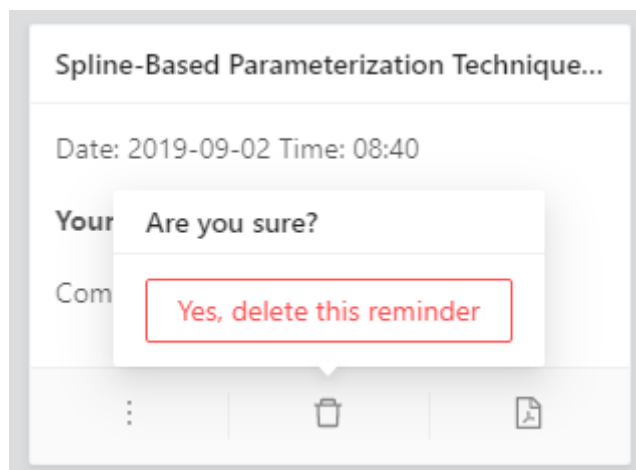
Contains a list of reminders created by logged in user, each card contains three buttons:

3 Dots Button (on the screenshot above)

Shows more info about event and a form to change an assigned note by user.

Trash Can Button

Deletes a reminder if user confirm this choice by clicking button in the pop-up



.pdf File Button:

Downloads assigned file (if exists)

d. Login Page

The screenshot shows a web application interface with a dark blue header containing four links: 'Presentations', 'Reminders', 'User', and 'About(404)'. Below the header, on the left, is a 'Login:' section with two input fields labeled 'E-mail' and 'Password'. Below these fields is a blue button labeled 'Log me in' followed by the text 'Or register now!'. On the right, a dark blue dropdown menu is open, showing four options: 'Account management', 'Login' (highlighted in blue), 'Info', and 'Edit'.

A form allowing to login a user (which generates a token and saves it in browser cookies), or redirecting to form when account can be created.

e. Register Page

The screenshot shows a web application interface with a dark blue header containing four links: 'Presentations', 'Reminders', 'User', and 'About(404)'. Below the header, on the left, is a 'Create new account:' section. It contains two input fields with placeholder text 'Enter your e-mail address' and 'Enter your password'. Below these fields is a blue button labeled 'Create account now'.

Simple form made to create an account by user. Contains validation of an user input in form.

f. About user

Presentations	Reminders	User	About(404)
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Your e-mail address:	Your ID in database:	Account created at:
user123@gmail.com	5eaae03fdb36540342b9ba7	Date: 2020-04-30 Time: 14:27:11

Conference Schedule API ©2020 Created by Artur Lehrfeld


Shows information about currently logged in user:

- His e-mail address
- ID in database
- When account was created

g. Edit credentials

Presentations	Reminders	User
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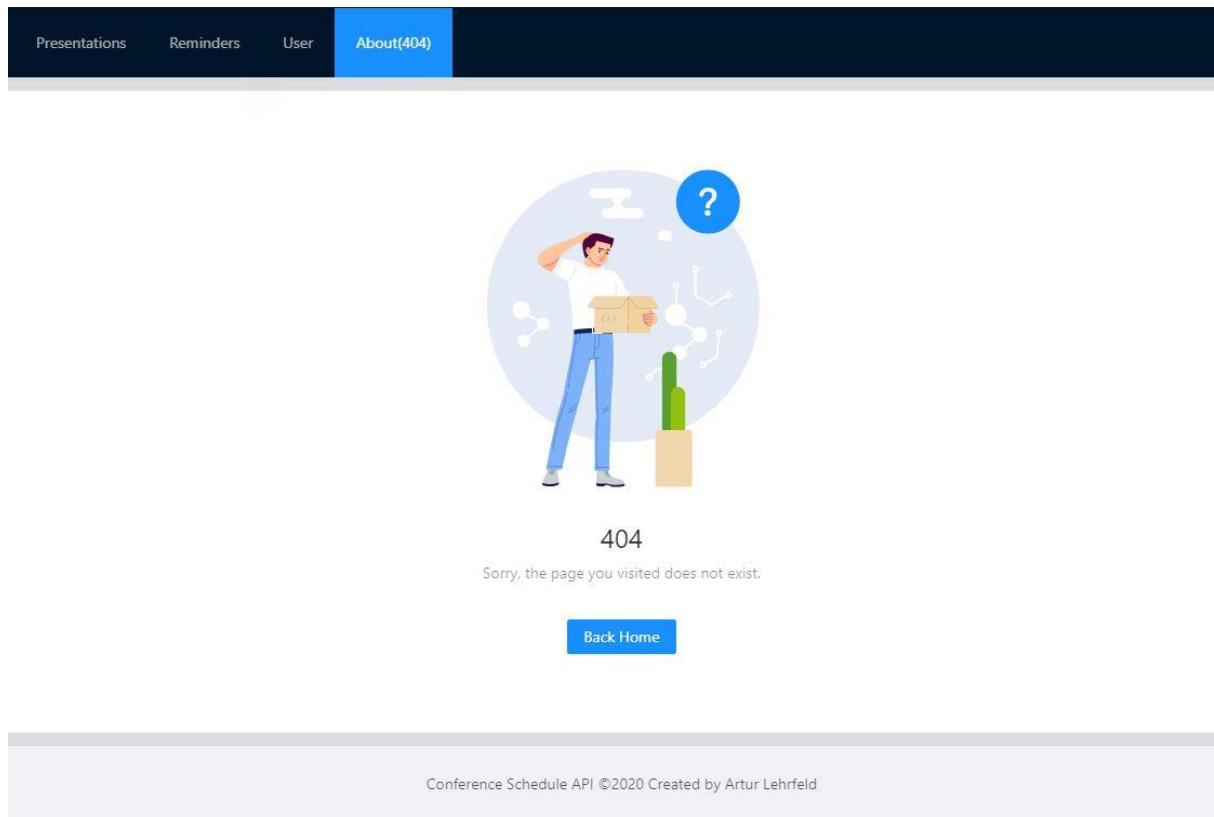
Change your credentials:

Enter new E-mail address
Enter new password 

Submit changes

Simple form that allows user to change his email and/or password (validation included)

h. About (404)



Simple page showed when user try to enter page that does not exist. Contains button taking back to the Presentations page.

5. Mobile responsiveness

(Screenshot below)

- While using a device with a smaller screen menu bar curls its tabs into one submenu with three dots.
- Lists of presentations and reminders now also display less columns.
- Other forms are small enough to display properly.

