

## 1. Project Purpose

Design and code the front-end for the REST API provided by the teacher.

Computed URL: <http://ie2020.kisim.eu.org/api>

Our destination was to provide the essential information about all presentations which took place during specific weekend. Also, we had to add opportunity to login or register an account to be able to set reminders and manage them.

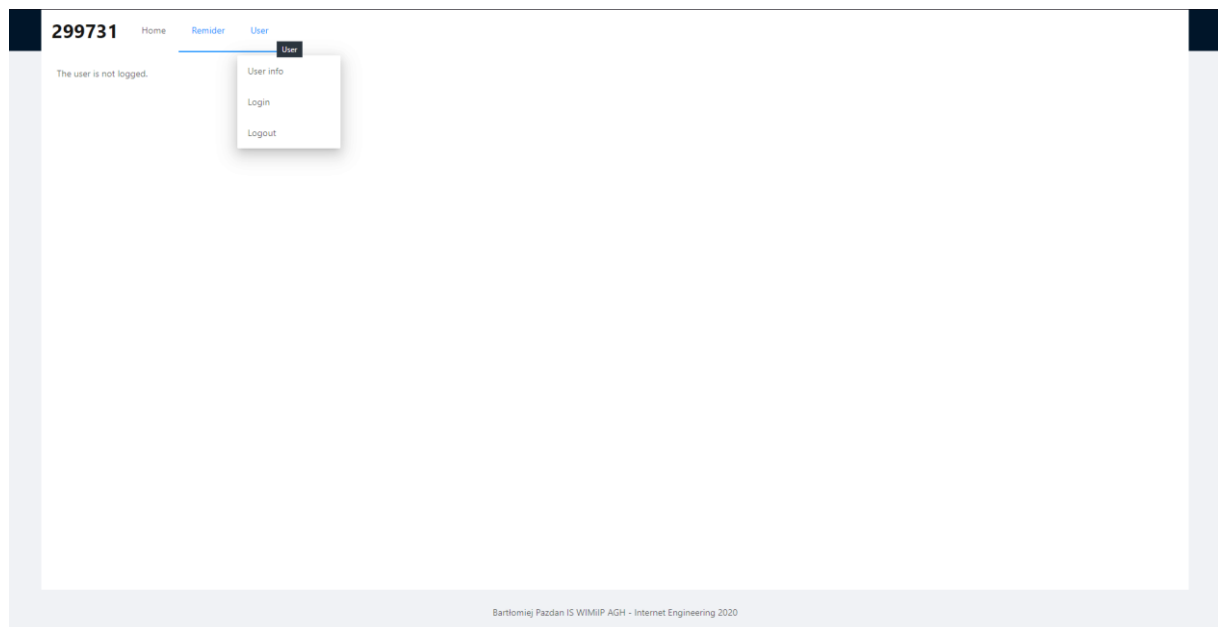
## 2. Project Structure

Project was created in Javascript, based on React and Node.js library.

All visual components was used from the Ant Design framework.

Thanks to the js-cookie library, for a security is responsibled a token stored in the browser's "cookies".

### a. Layout



The layout is divided into 3 parts. On a top, we have big logo with my index number. Next to it is Menu, where we can switch between main 3 aspects of website. In the main part, there is whole context of current page and at the bottom we can see the footer, where I signed my project.

## b. Home Page

















































299731

HomeReminderUser

> Sessions

> Rooms

MondayTuesdayWednesdayThursdayFriday













Monolithic Solution of Mixed-dimensional Model... Starts at: 07:30   	The Concept of a Virtual Ring for Mesh Update M... Starts at: 13:20   	Unfitted space-time finite element methods for pr... Starts at: 08:40   	VMS Implementation for CBRN Dispersion Model... Starts at: 09:20   
Interaction of Reduced-Dimensional Structures wi... Starts at: 13:20   	Moving domain problem of the sintering process ... Starts at: 12:00   	Manifold learning of complex fluid behavior for r... Starts at: 13:40   	Isogeometric Parametrization Inspired by Large El... Starts at: 09:20   
Towards space-time finite element methods for th... Starts at: 09:40   	Scaling out Alternating Direction Isogeometric sol... Starts at: 10:00   	Boundary-Conforming Finite Element Methods fo... Starts at: 12:40   	Spline-Based Parameterization Techniques and Ap... Starts at: 08:40   
Fluid-Structure Interaction in Aortic Dissection - A... Starts at: 12:20   	Triangulating submanifolds: An elementary and q... Starts at: 12:00   	A variational splitting for the generalized- $\alpha$ method Starts at: 10:00   	Deterministic gas-dynamic shape optimization wi... Starts at: 13:00   

In the context part of the home page we can check all sessions a rooms. Also the page shows us all presentations which has place on the marked day of a week. Each card describes proper presentation and also highlights the time of starts.

## c. Reminders

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HomeReminderUser

The Concept of a Virtual Ring for Mesh Update M... Starts at: 2019-09-02T13:20:00.000Z Notes: first    	A Residual Minimization Based Nonlinear Penalty ... Starts at: 2019-09-05T09:40:00.000Z Notes: second    	Experimental and numerical study of deformation ... Starts at: 2019-09-06T08:40:00.000Z Notes: third    	
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In the context part of the reminders page, when a user is logged we can see all presentations with their start date, which the user saved. Also we can read notes assigned to each reminder.

#### d. User management

##### I. User info

**299731** Home Reminder User


User id: 5e9ef6cfc86d81b216c47e94  
User email: useruser@gmail.com  
User created at: 2020-04-21T13:36:15.620Z

In a page about user informations we can read main informations about logged user, like id, email and when the account was created.

##### II. Login/Register

**299731** Home Reminder User

\* Email:


\* Password:  

Login

Don't have an account? [Register now!](#)

**299731** Home Reminder User

\* Email:

\* Password:  

Register

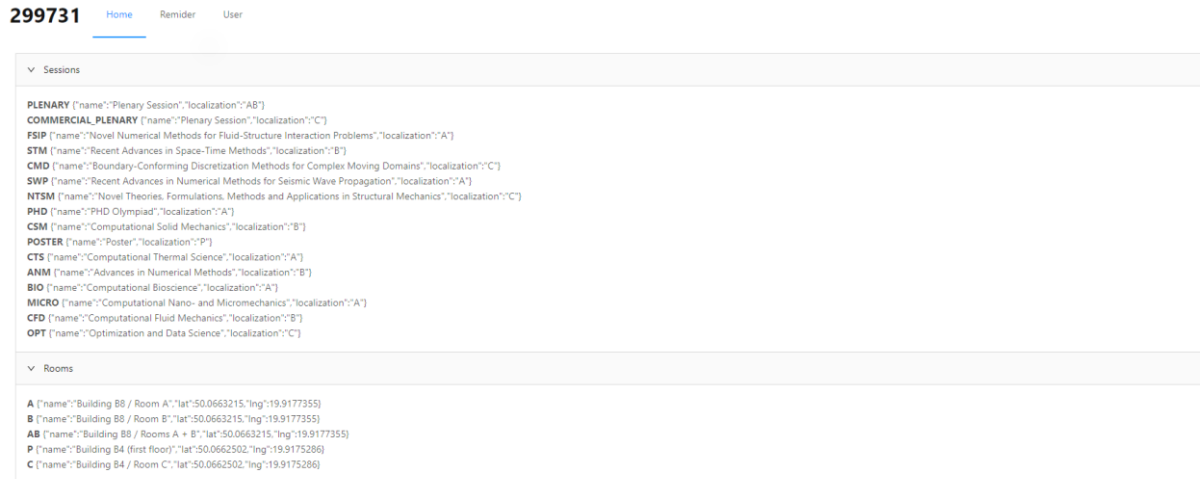
Already have an account? [Sign in!](#)

On the login/register page are fields with labels for entering a data and the a button to submit our input.

























### 3. Functionalities

The website has functionalities that the user has an impact on.

#### a. Presentations

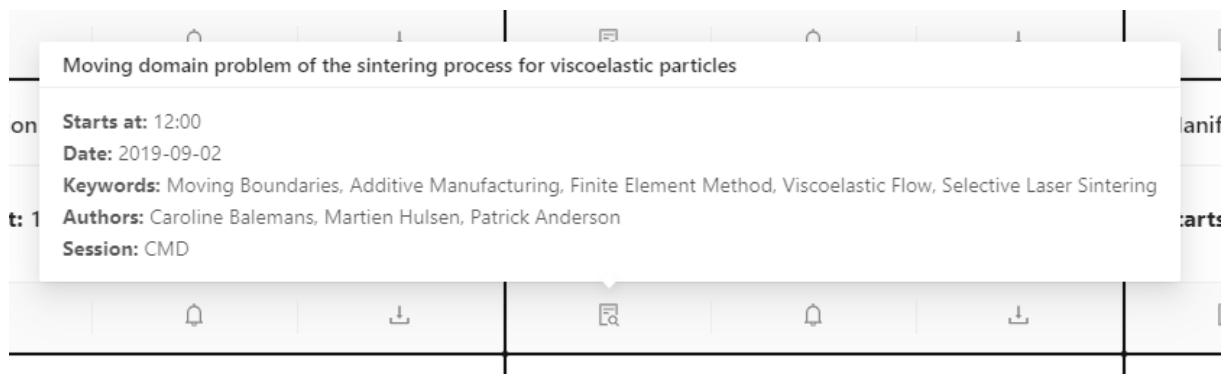


On a top of home page are located two panels of a Collapse component. After clicking on them, there will be shown more informations about Sessions or Rooms.

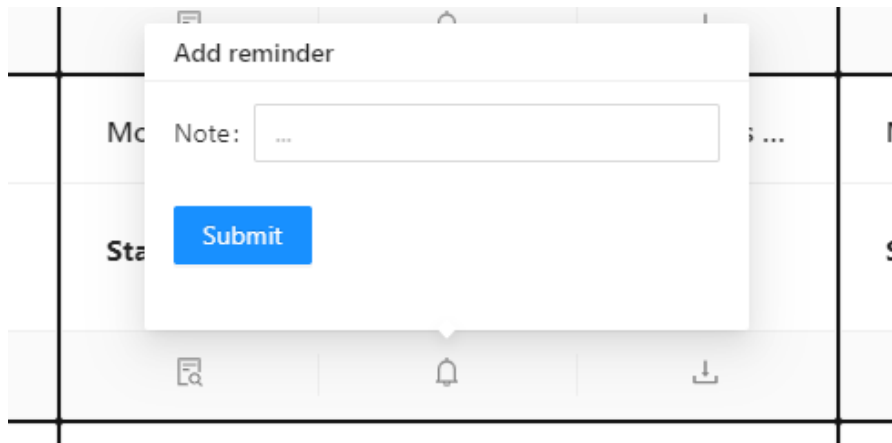
Monday	Tuesday	Wednesday	Thursday	Friday															
<div>Monolithic Solution of Mixed-dimensional Model...</div> <div>Starts at: 07:30</div> <div><div></div><div></div><div></div></div>					<div>The Concept of a Virtual Ring for Mesh Update M...</div> <div>Starts at: 13:20</div> <div><div></div><div></div><div></div></div>					<div>Unfitted space-time finite element methods for pr...</div> <div>Starts at: 08:40</div> <div><div></div><div></div><div></div></div>					<div>VMS Implementation for CBRN Dispersion Modeli...</div> <div>Starts at: 09:20</div> <div><div></div><div></div><div></div></div>				
<div>Interaction of Reduced-Dimensional Structures wi...</div> <div>Starts at: 13:20</div> <div><div></div><div></div><div></div></div>					<div>Moving domain problem of the sintering process ...</div> <div>Starts at: 12:00</div> <div><div></div><div></div><div></div></div>					<div>Manifold learning of complex fluid behavior for r...</div> <div>Starts at: 13:40</div> <div><div></div><div></div><div></div></div>					<div>Isogeometric Parametrization Inspired by Large EL...</div> <div>Starts at: 09:20</div> <div><div></div><div></div><div></div></div>				

Below them, we have another menu. With his help we can switch between days and check the presentations taking place on the specific date.

Each card has three buttons.



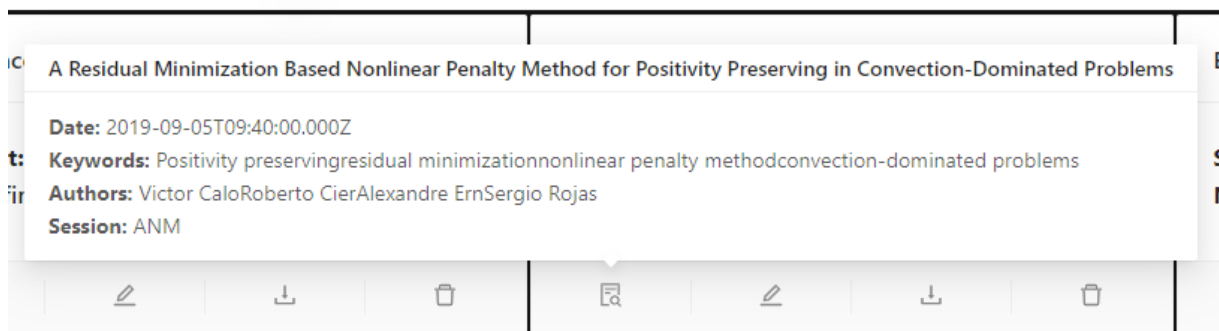
After clicking on the first, above him will appear popover component with more informations about the presentation.



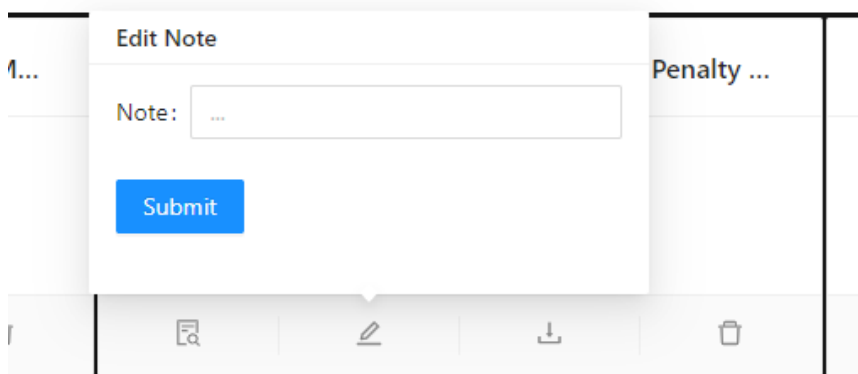
After clicking on the second button, above him will also appear popover component. Thanks to it we can add current presentation to our reminders. So, when the user is logged, it will show labeled input field to write our note and a button to submit it.

## b. Reminder

Each card of a reminder has four buttons.



After clicking on the first, above him will appear popover component with more informations about the saved presentation.

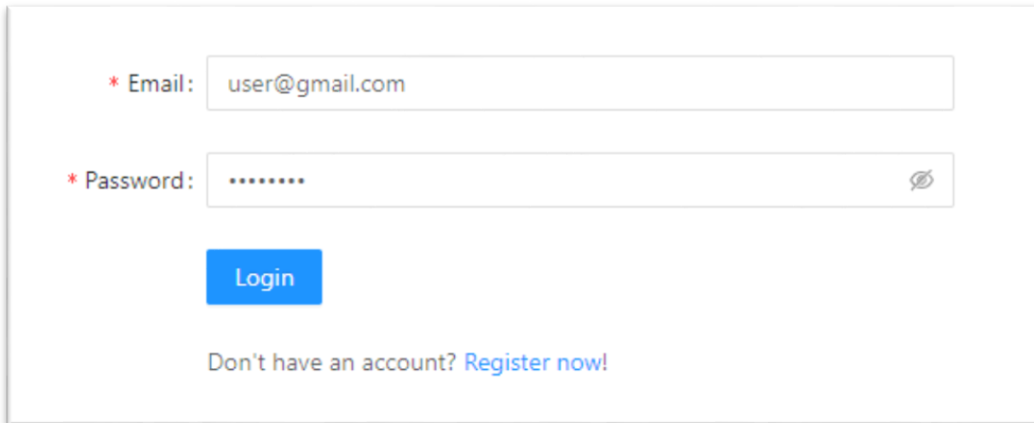


After clicking on the second button, above him will also appear popover with input field to edit notes on the current reminder.

### c. User management

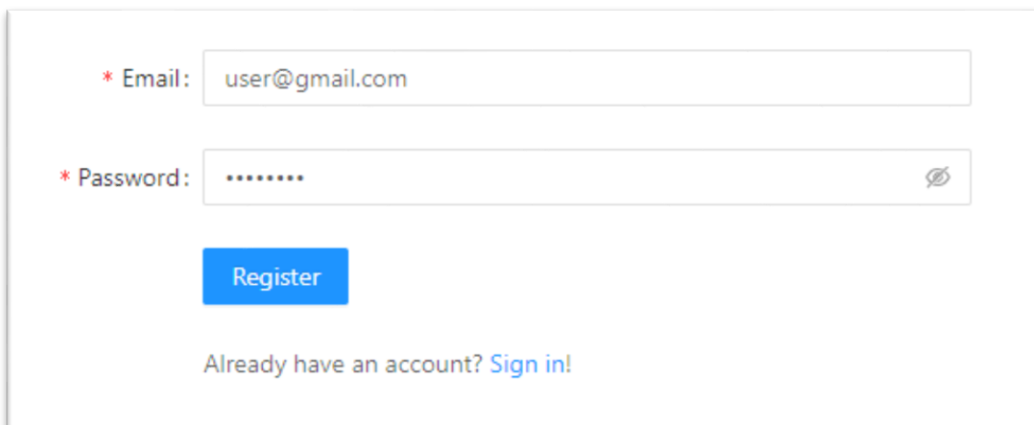
Website user can use an account to see his saved reminders and manage them.

#### I. Login/Register



A login form with two input fields: "Email:" containing "user@gmail.com" and "Password:" containing seven dots. A blue "Login" button is below the fields. At the bottom, it says "Don't have an account? [Register now!](#)".

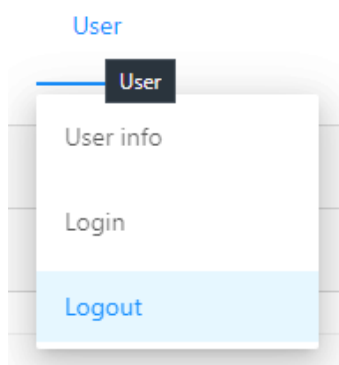
On a login page after entering data and clicking the button, the API will send back the user's token which will be stored in „cookies”.



A register form with two input fields: "Email:" containing "user@gmail.com" and "Password:" containing seven dots. A blue "Register" button is below the fields. At the bottom, it says "Already have an account? [Sign in!](#)".

On a register page after entering data and clicking the button we can make a new account in the API.

#### II. Logout



Clicking on the Logout item in submenu, if there is token saved in „cookies”, it will be deleted.