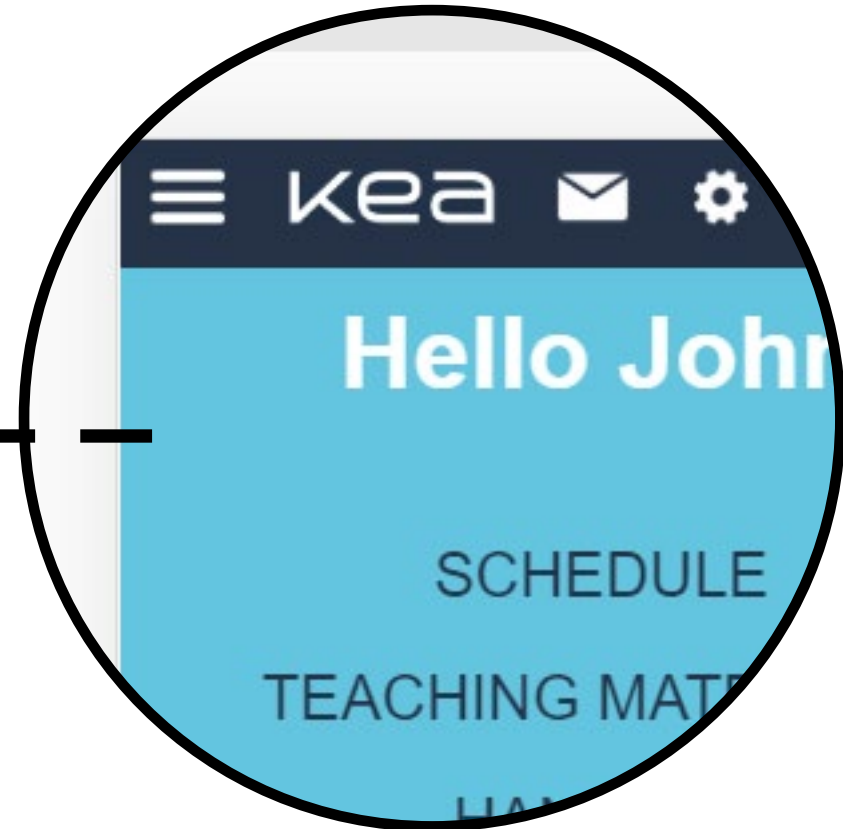


FRONTER WEB PROTOTYPE



<https://github.com/darinatoneva/kea/tree/feature/fronter>

<http://darina.dk/fronter/index.html>

We, the Group "4 is better than 3", have decided to focus primarily on two parts of Fronter, namely the profile section with a focus on the portfolio and the opportunity to share projects and a forum with built-in chat. We chose these two sections because we unanimously decided that what is missing at Fronter now is a well-organized and structured forum with a chat option and also a place where we can collect, share and discuss our projects, as well as ask for a feedback from both teachers, as well as other students.

From our experience as students, we have made sure that there are too many places where we communicate with each other like Slack and Messenger, there are many different groups on Facebook. This all creates some chaos and fragmentation of the all information. That is why we think it would be great if we as KEA students have all this necessary information gathered in one place and of course a place to communicate during our group projects and not only. During the tests we had with other students, both ideas were accepted quite well and the students shared that it would really be a good idea to have these two options in Fronter.

I personally decided to focus mainly on the forum section. My way of working was to develop one page at a time. After building the structure of the page using HTML and CSS styles, I moved to the next one, while also linking the pages between them.

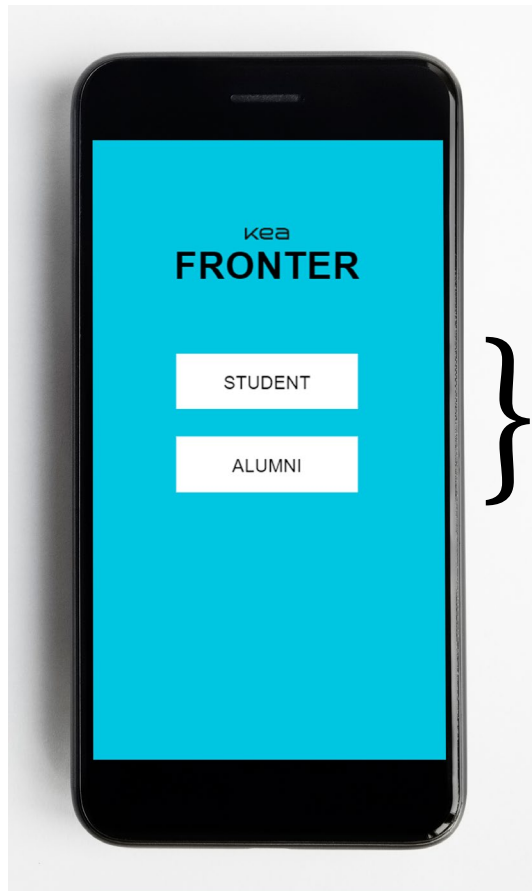
With regard to design:

1. We decided to use only two colors besides the main white and black, and these are Pantone 305 C /RGB: 89, 203, 232;

C = 60, M = 0 Y = 8 K = 0/ from the KEA's guideline and # 233249 /RGB: 35,50,73; C=96 M=79 Y= 45 K=44/.

2. The font used is Arial because it is allowed to be used as an alternative to Helvetica

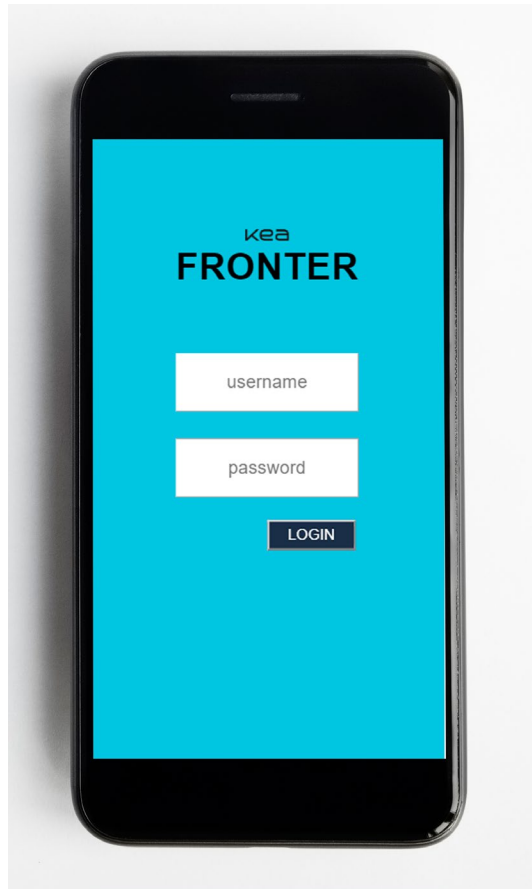
Here's how my work looks in a little more detail:



Here we have two options before login into the website. We as a group decided that it would be good if alumniees have the opportunity to keep their portfolio in Fronter as well as to stay connected with teachers and their classmates. That's why we have these two options here, of course alumni are going to have limited access to Fronter

```
<form>  
  <a href="login.html" class="btn">student</a>  
  <a href="login.html" class="btn">alumni</a>  
</form>
```

```
.btn {  
  width: 40%;  
  height: 0.3em;  
  display: grid;  
  grid-template-columns: 1fr;  
  margin: auto;  
  margin-top: 1.5em;  
  padding: 1em;  
  font-size: 1.2em;  
  background-color: white;  
  text-decoration: none;  
}
```



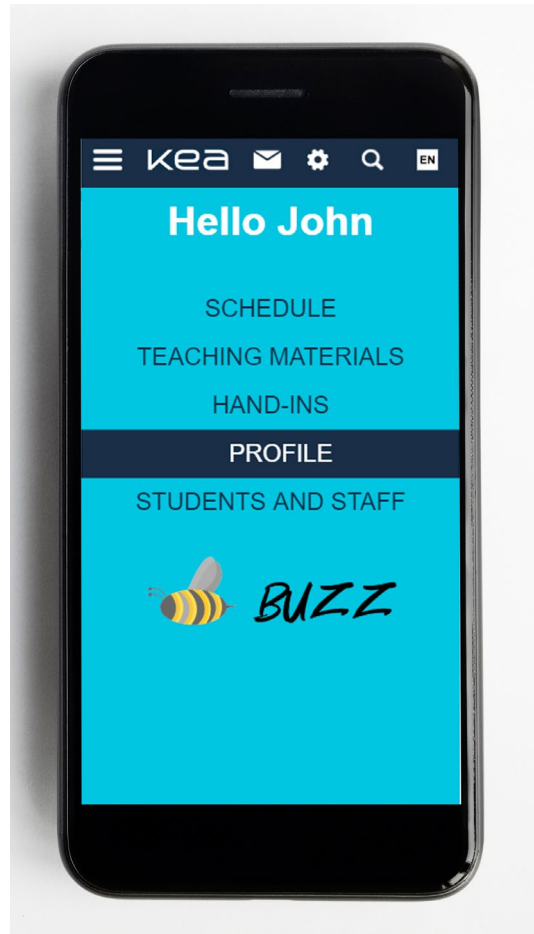
```
<form action="menu.html" method="get">
```

```
  <input class="btn" type="text" name="username" placeholder="username">
```

```
  <input class="btn" type="password" name="password" placeholder="password">
```

```
  <div id="login_button">
    <input type="submit" value="LOGIN">
  </div>
```

```
</form>
```



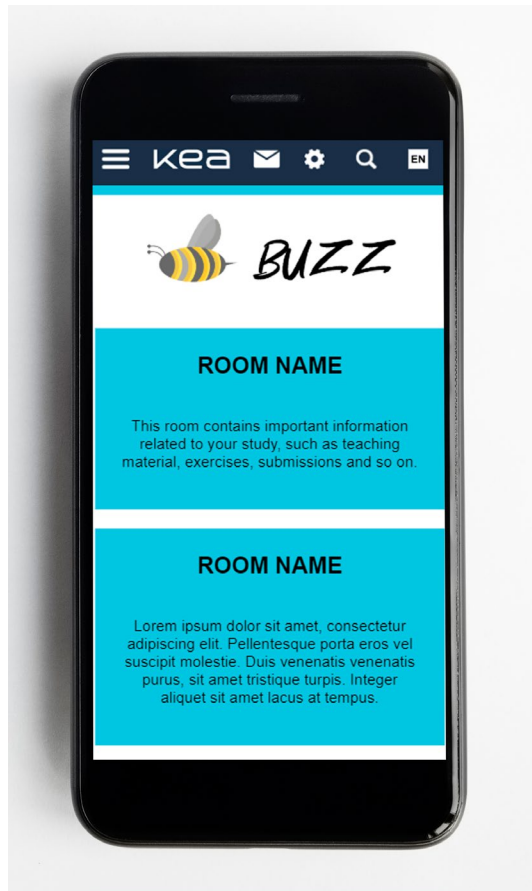
Our main idea was to make site navigation very easy and intuitive. That's why we've decided to put all the most important quick-access icons at the top of the page. This part will be static for the entire Fronter, and no matter where the user is at the moment they will always have quick access to them.

We have this "Hello John" here for a more friendly and personalized feeling.

Here we have all the most important places for students in Fronter, which are visited most often.

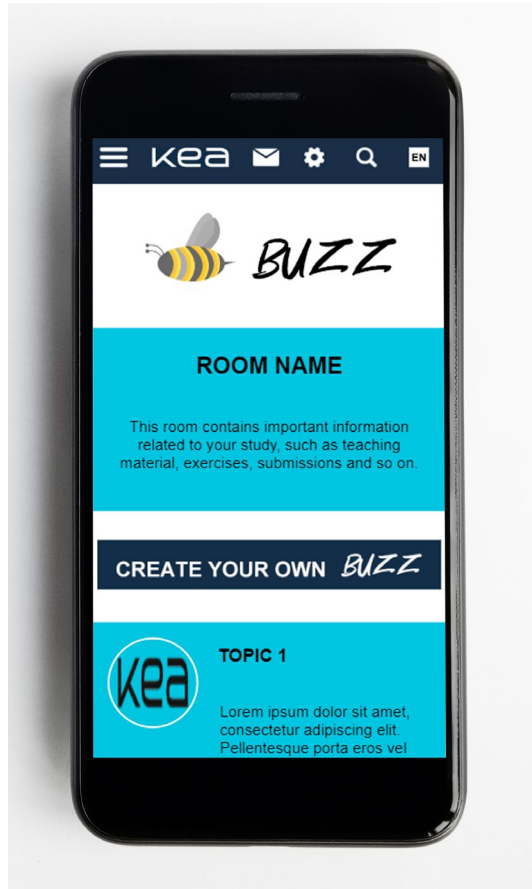
We also decided to create a brand new look at the forum by starting the process of creating a logo for it. We gave him the name Buzz, because it is short, easy to remember, playful, and is also associated with the irritating sound that bees make when flying. In this line of thought, the Forum will be a place filled with life, there will always be something going on, going to discuss, , chatting, and this will constantly make the user to want to look and see what's going on there. Just like the sound of "buzz" that makes people nervous and makes them move.

The idea of the band was to make a "hamburger menu" and maybe later I would have the opportunity to do it, but for now I just made it as an HTML page so every time someone clicks on this burger icon, it will load new menu page. I know this is not a good and professional solution, but unfortunately the other one requires more time.



This is the first page of the forum where you can see the already created rooms / themes.

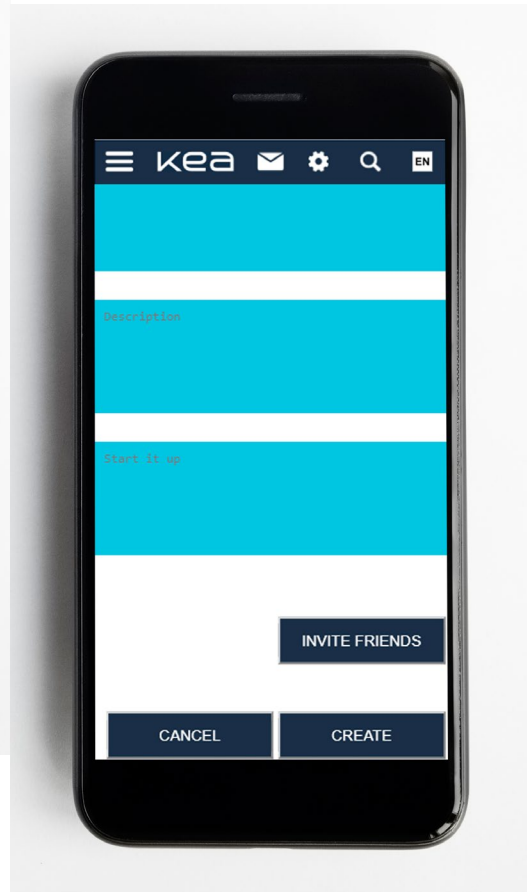
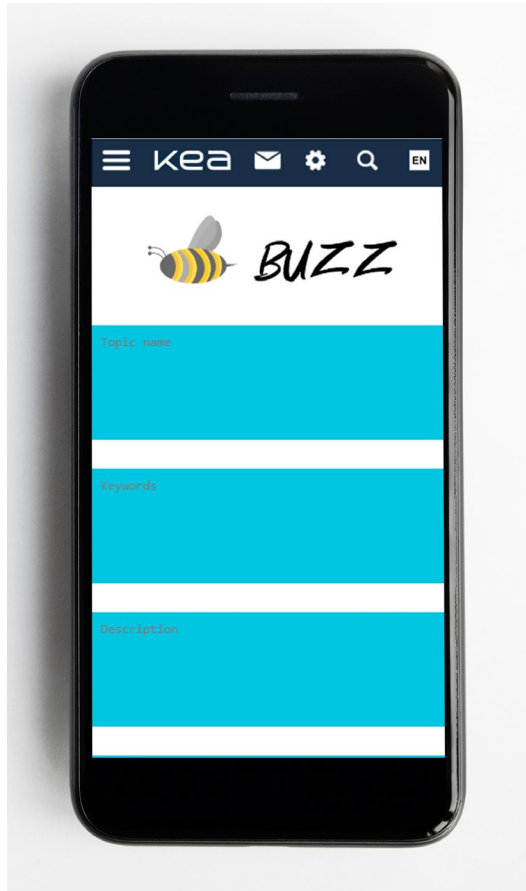
The idea is that they have been pre-created by site administrators to avoid creating a chaos right from the start. Once created rooms, each student /alumni will have the opportunity to create themes in individual rooms.



This is one of the rooms and within it can be seen the individual themes. There is a button to create a new theme that we playfully called "Create your own buzz"

There is an option to add a thematic photo when creating the theme.

PAGE 6



This page opens after clicking the button “Create your own buzz”. Here we have the name of the topic, a short description and the ability to set keywords for easy search and find in the forum.

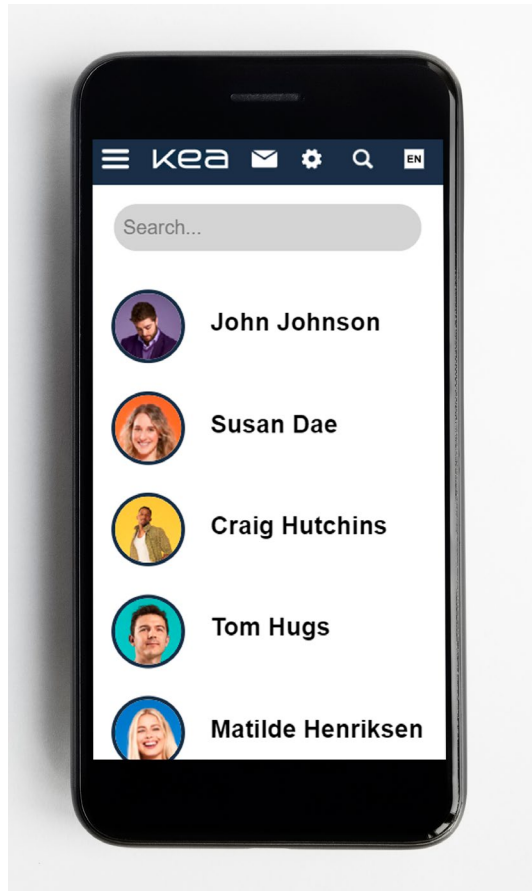
We added the button “Invite friends” because we thought it would be nice to have interested people to start a discussion about it when opening a new topic.

I did these inputs because I wanted them to be able to write more text as it is needed when entering descriptions, for example. If I had used the `<input>` tag it allows only a single row of text, so in this case it is not a good decision.

`<div>`

`<textarea class="large_inputs" name="topic_name" placeholder="Topic name"></textarea>`

`</div>`



This div slides down after clicking on the “invite friends” button. Here we have a search to quickly find specific names, and an option to select more than one friend by sequentially clicking on the names. I have used css animation and class toggle for that effect and I have used jQuery UI auto-complete for the search option.

I put each name with her account picture in an <article> tag. I decided to use it because it is mostly preferred for posts in forums and this page has similar to forum structure. I used divs for each element for easy styling with CSS.

```
<article>
  <div class="friends" onclick="this.classList.toggle('selected');">
    <div class="pic">
      
    </div>

    <div class="name">
      <h2>John Johnson</h2>
    </div>
  </div>
</article>
```

After clicking the “CREATE” button the creator of the topic will have the opportunity to start a discussion, something like a chat. Our idea is (and it looks like this in our prototype) the chat to look and have similar options like the Messenger chat, because most of the people use it a lot and they are used to it. With copying its functions and appearance we aim to make users feel more convinient and to encourage them to start using the chat option without any hesitations or inconveniences.

TESTS

PLANNING AND CONDUCTING TESTS

To test the usability and functionality of my web site, I chose to run a “5-second test” with two participants:

Eliza - owner and managing director of a restaurant, 45 years old

Doychin - a software developer, 37 years old

My questions after showing the Fronter mobile website:

What do you think this page was about?

E: A part of a school website

D: A school platform for students, providing them with an important information

What's your first impression about the site?

E: It's fresh and simple, easy to use.

D: Clean and easy to navigate and find the most important information

What grabbed your attention?

E: The Buzz logo

D: The Buzz logo

What words or sentences can you recall?

E: Buzz

D: Fronter and Kea

4. What navigation options do you have?

E: Menu

D: A hamburger menu and icons

USABILITY RESULTS AND PLANNED CHANGES

After the test and the opinion of the participants, I think that no major changes are necessary regarding the structure of the site and the location of the elements. There is going to work a little over some things, but in general the site fulfills the goals for which it was created or at least the part that has been developed.

VALIDATION

<https://validator.w3.org/nu/?doc=http%3A%2F%2Fdarina.dk%2Ffronter%2Findex.html>

<https://validator.w3.org/nu/?doc=http%3A%2F%2Fdarina.dk%2Ffronter%2Flogin.html>

<https://validator.w3.org/nu/?doc=http%3A%2F%2Fdarina.dk%2Ffronter%2Fmenu.html>

https://validator.w3.org/nu/?doc=http%3A%2F%2Fdarina.dk%2Ffronter%2Fbuzz_topics.html

https://validator.w3.org/nu/?doc=http%3A%2F%2Fdarina.dk%2Ffronter%2Fcreate_buzz.html

<http://jigsaw.w3.org/css-validator/validator?uri=http%3A%2F%2Fdarina.dk%2Ffronter%2Findex.html&profile=css3svg&usermedium=all&warning=1&vex-twarning=>