SOCIAL HACKING

A social media website for ethical hackers
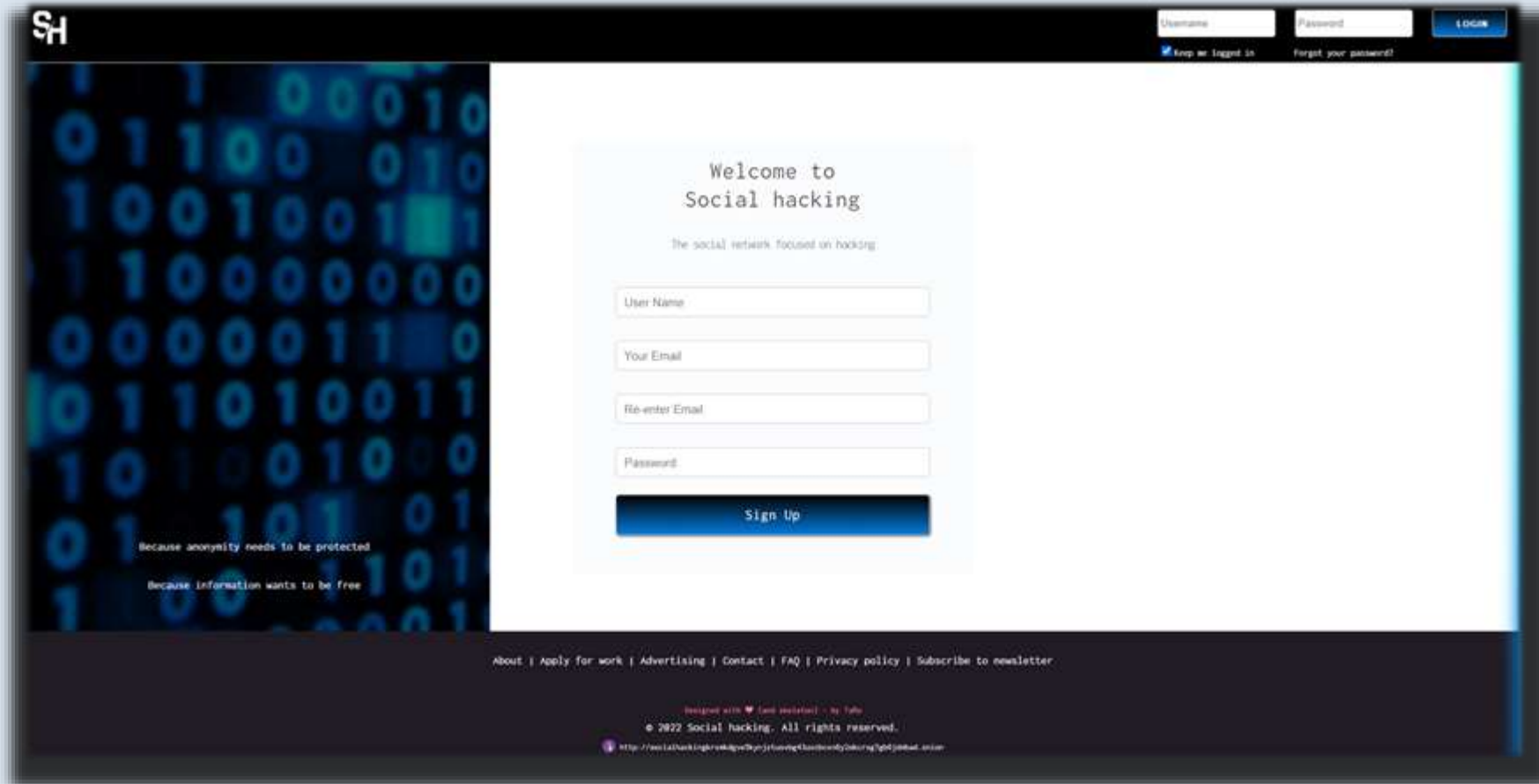
Project form
Group (2 persons).

Duration
2 weeks, December 2020.

Tools and technologies used
Github, Skeleton, HTML, CSS, Javascript.

About project

The task was to build a social media page for a company. The page would focus on user data security. The users should feel that they have full control of what information they share.

The page was to be built with HTML, CSS and Javascript.

Requirements

The page should be partly search optimized.

We should use one framework.

The page should have an easy navigation.

It should be a responsive webpage.

The design should be customized for the specific target user audience.

The page should have atleast 3 Javascript functions.

The page should be built with atleast 3 sub pages with relevant functions, for example "Contact us".

We should create and simulate a real login page with a form for username and password.

Work process

1

We came up with the idea to build a page or website for etchical hackers.

2

We made research and got inspiration from other similar websites.

3

We made a plan on what pages and functions we wanted to build.

4

We worked with one page each at a time to avoid conflicts in code.

5

We had daily check ups to see what had been done, what was left to do and if the were any problems needed to be addressed.

Inspiration

We found these pictures and we built our design with inspiration from them. The feeling we wanted to accomplish was seriousness, professionalism and vibes of "cyber space" to attract our target customers.

We picked colours from this page and used them on buttons, links and so on.

We used this GIF to get a more vibrant first page. We used the blue colours from the first inspiration page.

How we met the requirements

SEO

- We used the description meta tag with brief summary of the web page.
- We created a sitemap to help search engines to index pages.
- We created a robot textfile to tell Google which pages shouldn't be crawled.
- We created unique page titles for each page.
- We used "alt" attribute description for images.

Easy navigation

We created a navigation header design that is familiar to all people. We had a main website navigation in header and also navigation links in footer. We also implemented breadcrumbs navigation.

At least 3 subpages

We made 7 pages – login page, news, articles, hacker challenges page, contact, privacy policy and a error page.
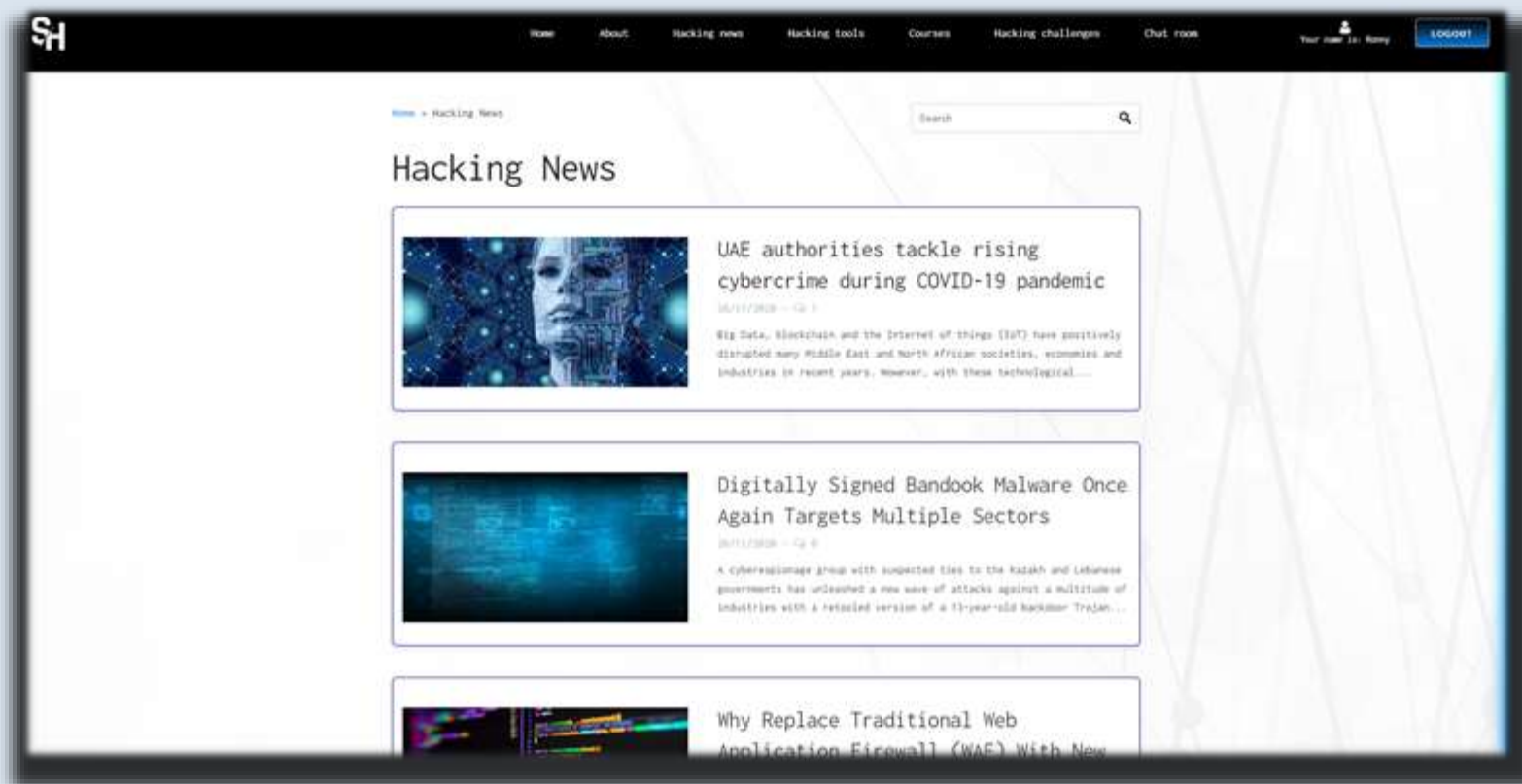
Framework

As we would only do a quite small website we decided to use Skeleton as a framework.

User data security

We made a cookie banner with buttons to accept all cookies or only necessary cookies and links to a page that explained in details what the options meant.
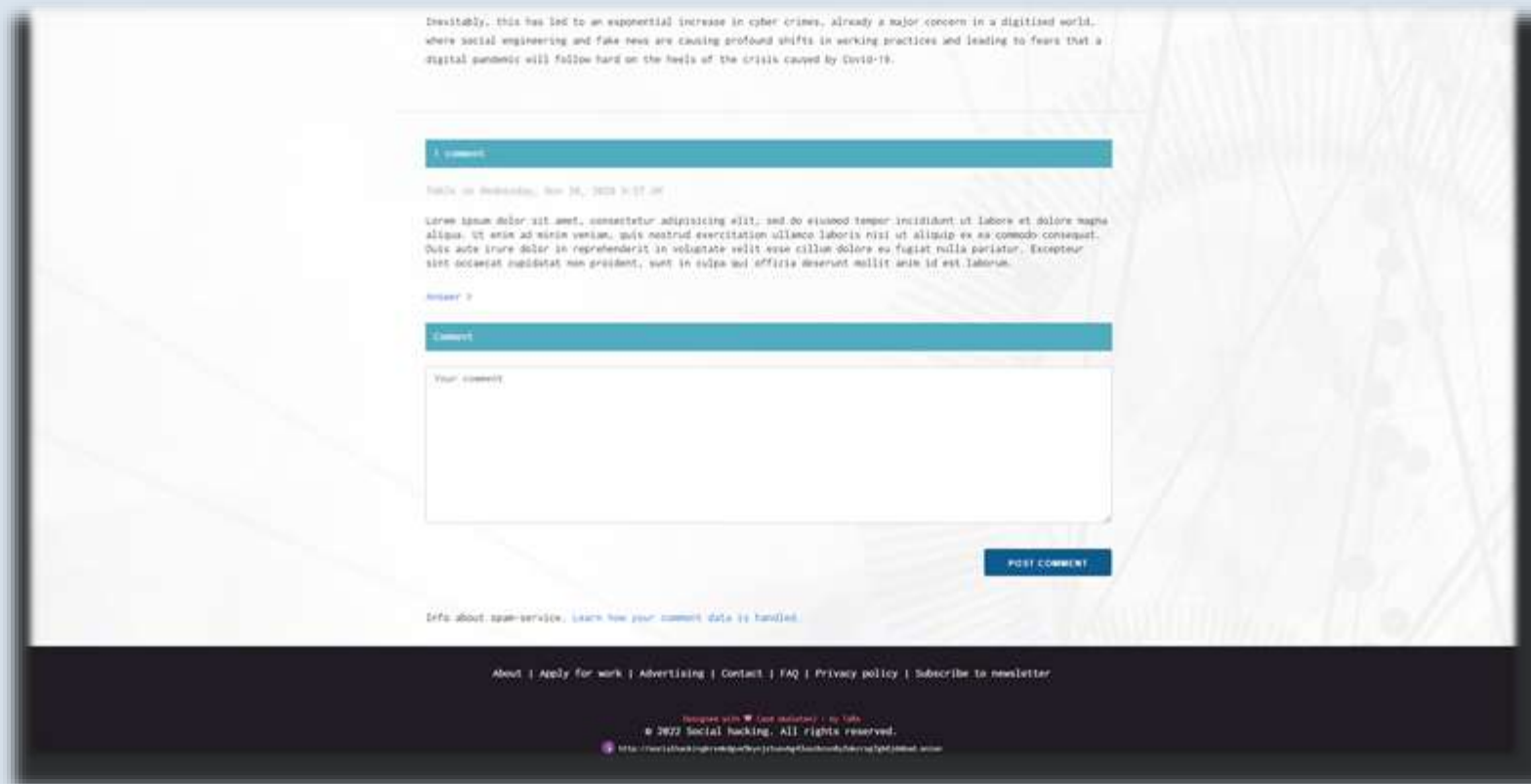
Responsive site

We created the web pages with responsive design so that looked good on all devices.

Hacking news page – desktop screen and mobile screen.

Articles page – mobile screen and desktop screen.

Comment section of article page – desktop screen and mobile screen.

What I have learned

- To use Github.
- To use Skeleton
- Some more tricks with CSS, HTML and Javascript.

Other

https://rozetter.github.io/Uppgift3easiersaidthanrun/html/index.html
To see visit the website and explore it for yourself.
User: "Ronny"
Pass: "Ronny"