Chocotravel

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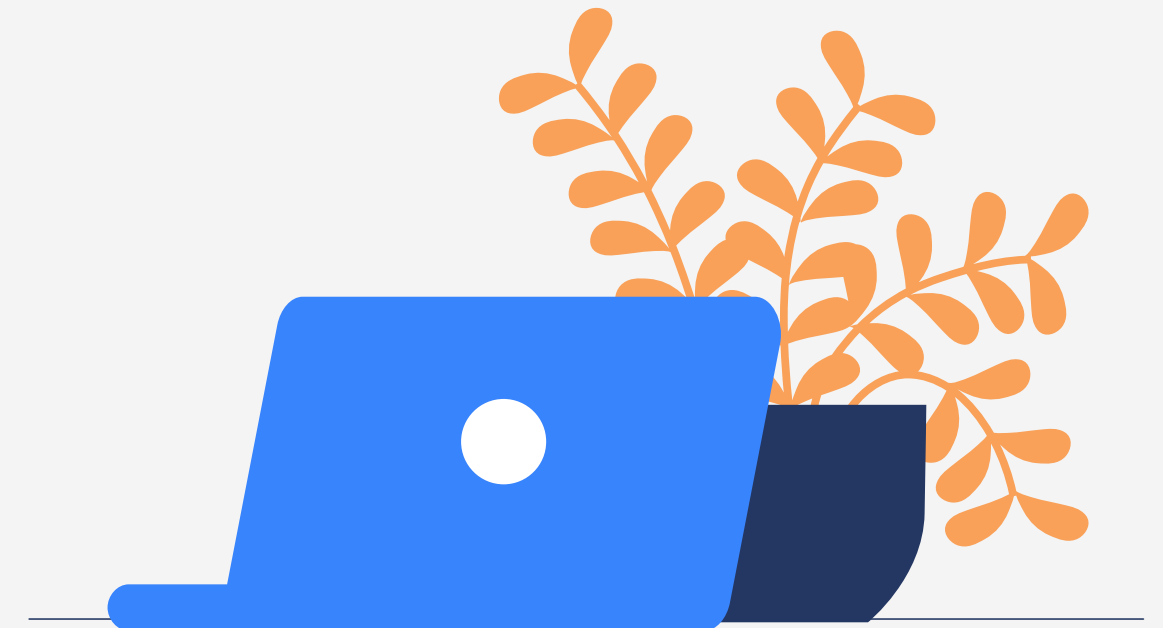**Discipline: Web Programming**

Practice time: Friday 14-16

Static pages

- Main page - chocotravel.com
- About company - chocotavel.com/ru/about
- Payment methods - chocotravel.com/ru/payments
- Contacts - chocotravel.com/ru/contacts

Dynamic pages

- Login / register
- Tickets search - chocotavel.com/ru/search
- Blog - chocotravel.com/ru/articles
- Questions and answers - chocotravel.com/ru/faq
- Feedback - chocotavel.com/ru/feedback
- Visa registration - chocotravel.com/ru/visa
- Tours - chocotravel.com/ru/tours

Solutions

For effective work on the project, we aimed to use the following solutions (however, each participant was free to have personal coding methods)

✅ **Folder structure**

A clear file structure is the key to clear code. In our project, we created folders for pictures, depending on their belonging to the pages. there is a separate folder with styles. All html files are in the root folder

✅ **BEM methodology**

BEM methodology helps to write readable classes and styles that can be reused. It also guarantees class uniqueness and avoids the nasty side effects of redefining global classes.

Work distribution

Since the project involves teamwork, and besides, since you need to create at least 10 pages, we decided to split the pages among themselves with the condition that everyone should take both static and dynamic pages for development in order to ensure that web development skills are consolidated

✔ Alim

- About company
- Payment methods
- Questions and answers
- Feedback
- Visa registration

✔ Shayakhmet

- Contacts
- Login / Registration
- Company blog

✔ Arslan

- Main page
- Tickets search
- Tours

Alim's notes

What problems did I encounter during development

Thanks to the already existing experience in web development, I did not encounter any special problems. But still, I decided to make a few small edits to the existing site design, as it seems to me that this makes the interface more understandable.

What solutions did I find

My main decisions were to use the BEM methodology for writing CSS styles. Otherwise, I just recreated the site design according to the existing layout, the original site :)

My advice for web developers

What I really find super effective is the combination of the principle: general structure -> details -> styles. To quickly create pages, you do not need to go into details right away, first outline the structure in large blocks, and then begin to gradually fill them. Styles can be written at the very end, when the HTML skeleton is ready

Shayakhmet's notes

What problems did I encounter during development

I also have prior experience in the field of web development, so I didn't find anything to be particularly problematic. The only issue was that the original pages use a lot of scripts, which are often impossible to duplicate with just CSS and HTML alone.

What solutions did I find

I had to swap scripts for CSS-only solutions in a few places, but that's about it. Similarly, I tried to stay true to the design of the original site wherever I could (which was most of the time).

My advice for web developers

Well, built-in browser tools are extremely helpful when testing your web pages. I sometimes fiddle directly in the browser (to skip the constant alt-tabbing) and then copy the changes I made to the code. Also, if you don't want to clutter your website with tons of classes and IDs, you can use both external and inline CSS at the same time! But you probably know that already.

Arslan's notes

What problems did I encounter during development

Just as my teammates, I had a previous experience in Web Development, and thus, most of the pages didn't pose any problem to me. However, the the complexity of the search bar (and the way it was created) on the original website puzzled me.

What solutions did I find

On the website, some of the inputs did not use input tags and relied heavily on JS scripts. I decided to simplify some of the inputs, and change their initial design. Besides that, I stuck to the original design.

My advice for web developers

Personally, I find Mozilla Firefox more suitable when creating websites, as it gives you more in-depth look into site's layout, especially when it comes to flexbox and grid. Additionally, I find it easier when my CSS file is organized and divided into chunks, such as GENERAL, TYPOGRAPHY, and LAYOUT, with further division inside each of them.

Useful resources and self-study

01   **W3Shools**

A great guide to learn web development and more

02   **BEM - https://ru.bem.info/methodology/**

Great way to write pure CSS styles and classes

03   **HTML5 Book - https://html5book.ru**

Another reference book that allows you to find out
the purpose and use of certain tags