Overview

Members and their roles in a group:

- o Zholbarys Adilet (Leader of group) – Book page, Home page, Borrow book.

- o Shalgynbayeva Arina – Home page

- o Zhagal Akzhunis – Home page

- o Kozhabayev Nazir – Borrow book page

Communication strategy: We organized meetings in discord and real life. There was no problem with the design of websites at all, as we decided to do navbars, footers and color spectrum the same to show that we interacted with each other and worked as a team.

Motivation: The motivation of each person in the group was different. But if we consider the main goal, it was to get experience and high marks, since it's important for the future.

Target audience/market: Library

Project goals and team interests

Project goals:

- · To make it easier to follow what new books are arrived

- · To pay attention to list of books available on a separate page

- · Provided registration of borrowing the books, which is comfortable for students
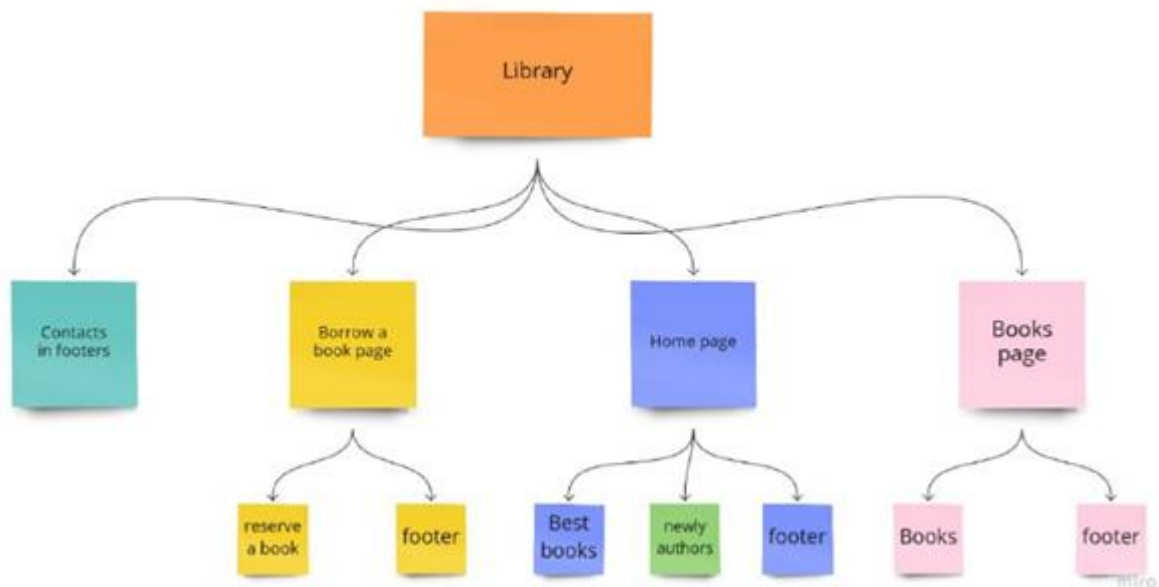
Team interests:

- · Understand HTML and CSS function more deeply

- · Practice how to use CSS and Bootstrap grids

- · Establish a solid understanding of website design principles

- · Improve team working skills by collaborating with different members of the group

Phases

- We made rough sketches of how the site will look like. That is, for example, parameters of a navbar, carousel, etc.
- Further, to transform the site, we added styles for texts, cards, pictures, etc. to the CSS.
- The finished site was hosted via github.

Content structure

Site map

Content types

Contents:

- Best books
- Subscription database
- Books
- Other pages
- Borrow a book

Design

- Reference links

  https://www.w3schools.com/

  https://getbootstrap.com/
  https://towardsdatascience.com/5-spectacular-books-for-learning-new-programming-languages-4b2e21da02da

https://hackr.io/blog/best-programming-books

https://abakcus.com/64-amazing-math-and-science-books-that-you-should-read-in-2021/

- Image files

  https://astanait.edu.kz/wp-content/uploads/2020/05/aitu-logo-2-600x315.png

  https://vptheservice.com/wp-content/uploads/2017/12/school-app-page-header.jpg

  https://www.wendywutours.co.uk/blog/wp-content/uploads/2017/11/8booksheader.jpg

  https://www.delawareohiolawyer.com/wp-content/uploads/2017/03/inr_bnr7.jpg

  https://images-na.ssl-images-amazon.com/images/I/515k9Lq4frL._SX325_BO1,204,203,200_.jpg

  https://images-na.ssl-images-amazon.com/images/I/91zY1gTyq0L.jpg

  https://m.media-amazon.com/images/I/51bzD+dQiVL._AC_SY580_.jpg

  https://images-na.ssl-images-amazon.com/images/I/81zKxBB5rHL.jpg,

  https://images-na.ssl-images-amazon.com/images/I/41yafGMO+rL._SX376_BO1,204,203,200_.jpg

  https://hackr.io/blog/media/introduction-to-algorithms-eastern-economy-edition.jpg

  https://hackr.io/blog/media/code-caomplete.jpg

  https://hackr.io/blog/media/code-caomplete.jpg

  https://i.gr-assets.com/images/S/compressed.photo.goodreads.com/books/1498858782l/34758417.jpg

  https://images.penguinrandomhouse.com/cover/9781101972939

- Sketch files

  https://getbootstrap.com/docs/5.1/components/navbar/

  https://getbootstrap.com/docs/5.1/components/accordion/

  https://getbootstrap.com/docs/5.1/layout/grid/

  Colors: *background-color:(); background-image:url();*

Typography rules: *text-align: font-family:*
Grid system: *grid-template-columns:repeat( );* and grid in HTML like *.col-md*
Spacing: *margin* and *padding*

Functionality

(HOME PAGE) The first functionality is a navbar, with the help of it we can navigate both sites and site blocks. The second functionality is a bootstrap carousel in which there are three texts with new items on the background of which pictures are located and we can navigate through them. The third functionality is the best books that have been placed through the bootstrap grid. The fourth functionality is subscription databases, which was located and sorted through the accordion bootstrap. The fifth functionality is a footer made by our teammate.

(BOOKS PAGE) The first functionality is the navbar, with the help of it we can navigate both the sites and the blocks of the site. The second functionality is books located through the bootstrap grid. The third functionality is a footer.

(BORROW A BOOK)The functionality in this part is so that a person can borrow a book from our web library, and so that we, as the owners of the library, know his name, number, mail and when he took this book via MailChimp.

Hosting

The leader of our team logged into his account on github. And by clicking on the "new" button next to the repositories, give it a name and click on "add readme", then click on create button. Next, he uploads files with HTML and CSS, and clicks on the "settings" and scrolling down where the github pages are. In source he chose main and docx and saved it. Eventually, he just copied the link and that's it.

https://diamondhey.github.io/updatedlibrary/

Accessibility

First of all, I would like to note that for convenient movement between paragraphs, we made it so that when we click on the button on the navbar, we immediately have the topic we need, scrolling through the others. Also, the navbar always remains on top so that at any time the user can switch to another part of the site without scrolling up and down. Moreover, since people use not only laptops and computers to search for information, we have provided different extensions for different devices.

Deadlines

Since we had midterms all weekdays. We decided to devote all our time to the project on weekends and Mondays.

- · Phase 1 – October 9, 12:00

- · Phase 2 – October 10, 13:00

- · Phase 3 – October 11, 18:00

Summary

Generally speaking, the purpose and actions of our site are simple: displaying the best books as well as the general library on a separate page, registering for borrowing books. We believe that we have achieved the desired result. Perhaps we still have a lot to learn, but on the whole, the result suits us. During work, we did not face any conflict with each other, but that does not mean we did not have any difficulties. These obstacles were unknowing, for example, how we did not understand what a MailChimp was and how to do it, additionally, we couldn't make the navbar open the menu when allowed on the phone, viewport for accordion and whole site at all. But after watching additional video tutorials and after many tries, in the end we dealt with these problems.