

Midterm Project

Overview

Members:

1) Arystan Tlemisov

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Barcode: 202189

Role: Leader, Developer

2) Adilet Bolatkhan

Email: 203061@astanait.edu.kz

Student ID: 203061

Role: Developer

3) Amira Amirzhanova

Email: 203022@astanait.edu.kz

Student ID: 203022

Role: Developer

Communication strategy:

We had many online meetings in Discord and Microsoft Teams. As we were informed our site need to consist of 3 pages, so we have assigned our responsibilities and each of us took one page of our website.

- Arystan is responsible for “Home” page.
- Adilet is responsible for “Books” page.
- Amira is responsible for “Borrow a book” page.

We agreed that later we should explain the details of our codes and then help each other to correct mistakes if we have them. We organized the online meeting in Discord and did our documentation part.

Motivation:

Our motivation to do this project is to upgrade our knowledge and skills in creating websites, and in web technologies in general. Perhaps this project will be the first or the next and important step on the way to becoming a web developer. Knowledge in this area is great possibility to get a job in a good IT company and get a good salary. After all, people who have skills in the IT sphere are now in demand.

High-level project scope:

The site that we created is a new site. We chose the design of our site, wrote the HTML and CSS code and made own form which helps people order the book.

Target audience:

Our site is for anyone who are looking for something to read. Our site provides links, where people can find and borrow books of different genres.

Project goals and team interests

Project goals

- Create convenient and understandable platform for book needers.
- Provide links with libraries and different interesting books.
- Show people that using online libraries less time and money consuming

Team interests

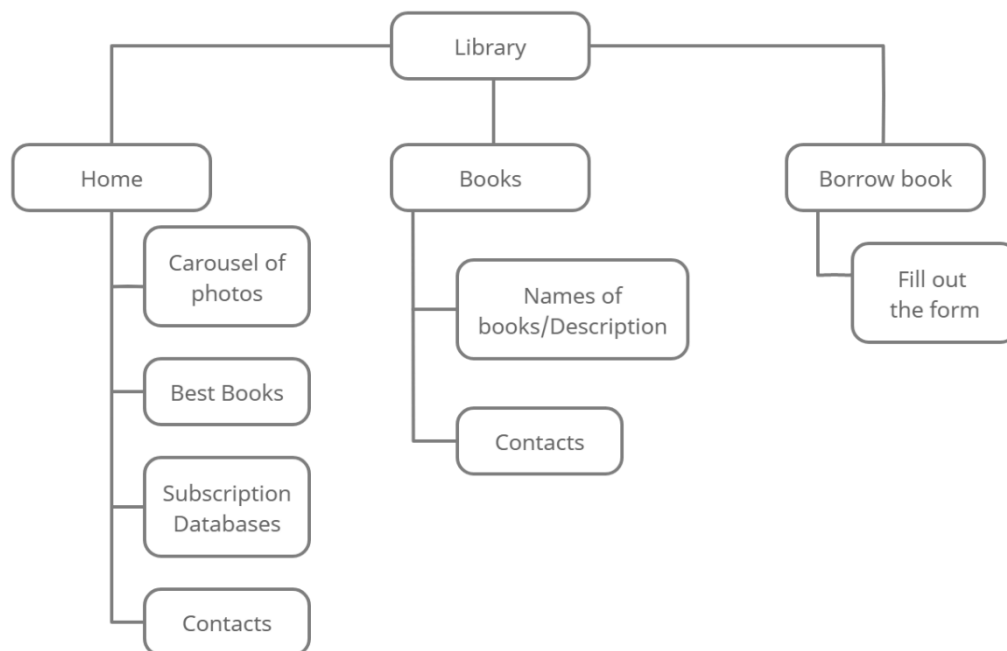
- Improve skills and knowledge in writing HTML and CSS codes by creating the website
- Improve social skills by making discussion, talks and collaboration in team in general
- Understand the principles of creating and designing the website and then using these skills in the future career

Phases

- Phase 1- Create “Home” and “Books” pages by writing an HTML code
- Phase 2- Improve appearance of the website using CSS
- Phase 3- Create a form for “Borrow a book” page
- Phase 4- Write a documentation

Content structure

Site map



Content types

- People
- Books
- Library
- Entertainment
- Education

Design

In general we took ideas from our minds, but we also took ideas of design from <https://astanait.edu.kz/en/library-2/> . Some images were taken from there.

Colors, typography rules, animations were chosen by us.

Images of books was taken from GOOGLE.

An idea of hover states was taken from <http://htmlbook.ru/css/hover> .

A grid system was done with the help of <https://getbootstrap.com/docs/4.0/layout/grid/> .

Functionality

Our website “Library” consists of 3 pages. At the top of the website there are 3 options like “Home”, “Books” and “Borrow a book”. You can go to these pages by clicking on them.

First page is “Home” page. There are 3 photos of our library, which you can see by clicking the arrows. You need to scroll down to see the different platforms where you can find the books. At the end of this page you see the contacts and social medias, which help you to contact us.

Second page is “Books” page. There you see different types of books, starting from education to entertainment. At the end it also has contacts.

Finally, the third page is “Borrow a book” page. By clicking that option at the top of the website, there is a form that you need to fill out for borrowing a book. A form consists of “Email Address”, “Student ID”, “First and Last names”, “Phone Number” and “Date of birth”. After that, you will be informed about place, where you can get a borrowed book.

Hosting

First of all we sign in to GitHub. Then we create a new repository and after that name it.

Choose a “Public” option, so everyone would see that repository.

Initialize repository by clicking “Add a README file” and click “Create repository”.

After that we are clicking “Add file” and uploading HTML, CSS and photos that we used to create the website and commit changes.

As the next step we go to “Settings”, scroll down to the end and see the “GitHub Pages”.

Choose “main” in source option.

As folder we choose “/docs” and save it.

Finally, we go to the end of the “Settings” page and see the link of our website, that published in GitHub.

Accessibility

Our website is clean and accessible for everyone. We have an organized content and good-looking design as well. Font of the texts is appropriate for reading and understanding it.

Deadlines

- Phase 1- October 9, 14:00
- Phase 2- October 10, 14:00
- Phase 3- October 10, 23:00
- Phase 4- October 11, 19:00

Summary

Starting something new is always a good idea and improving yourself in different areas is also great. At the beginning it seemed like it something hard to do, but when we started doing this project it was not so hard. However, it was challenging and a lot of time consuming for some members if our group.

We think that we tried hard and did a good job to provide a great website for people that will use it. We guess that we achieved project goals and team interests, because we had so many mistakes and we were trying to correct them thinking about principles of creating website. Thanks for that, we learned a lot of new things about writing code.

Of course we had difficulties while doing project. For Arystan it was hard to use CSS Grid, also it we had problems with Navigation Bar and photos in carousel, but he fixed that problem.

Adlet also had problems with CSS grid.

This project was challenging especially for Amira. She had problems with location of forms and redirection of pages.