

Overview

About our team:

Our team consists of 3 people – Moldir Takhtanova, Dariga Syzdykova, Almaz Turdin.

1) Moldir Takhtanova

Student id: 203019

Email: moldirtakhtanova@gmail.com

Role: Was responsible for the “Books” page + footer, navbar + 30% documentation

2) Dariga Syzdykova

Student id: 203014

Email: dariga.syzdykova05@gmail.com

Role: Was responsible for the “Borrow a book” page + 60% documentation.

3) Turdin Almaz.

Student id: 203034

Email: Turdin.a261@gmail.com

Role: Was responsible for the “Homepage” page + 10% documentation.

Motivation:

The onLibrary electronic library system helps to find the necessary relevant modern educational and scientific literature, meets the requirements of educational standards.

High-level project scope- This is a brand-new website

Target audience/market - University students have the right to free access to the resources of the electronic library system. In the library, you can search for information on the entire array of books.

Project goals and team interests

Project goals:

- provision of wide access to the products of the university library;
- interactive interaction between the library and the user;
- there is no need to visit the library in view of the search for a particular book;
- the formation of a favorable public image of the library;

Team interests:

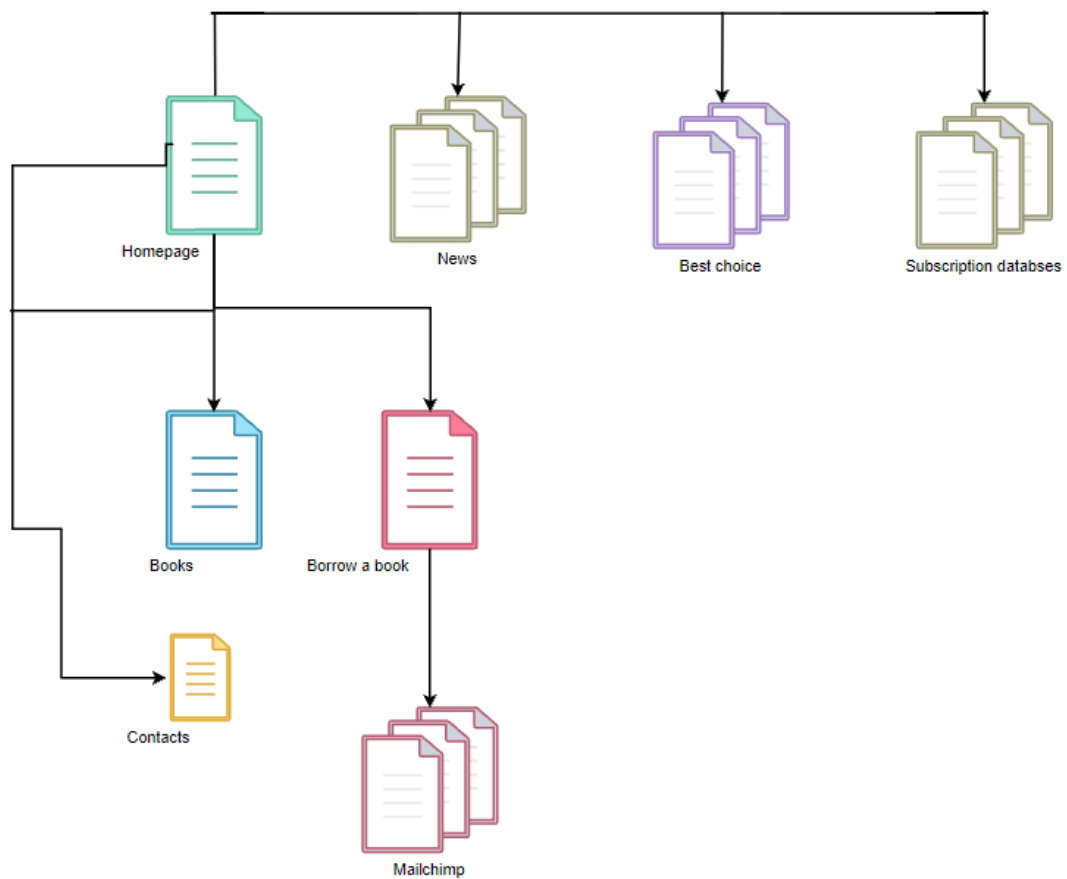
- Practice the acquired knowledge in HTML, CSS, Bootstrap skills and CSS Grid by building a library website
- Teamwork represents and improves principles such as:
 - common and significant goals of each of the participants;
 - complementary skills;
 - clear requirements for productivity;
 - mutual responsibility;

Phases

- Phase 1 – Identify the project goals, benefits, outcomes, define what success looks like. Connect with stakeholders.
- Phase 2 – Put together a timeline. Identify who will do what by when and how accountability will be handled.
- Phase 3 - Creating the sitemap ensures that we've considered all the key pages in the site, showing their relationship to each other and defining how the sties overall navigation should be structured.
- Phase 3 - Basic homepage, books, borrow a book website pages/elements with HTML.
- Phase 4 – Creating one appropriate, same footer and header with navigation bar.
- Phase 5 – Once the blueprint for the site has been defined through the creation of the sitemap and wireframes, the next step is to create a visual style. Add styles to improve the appearance.
- Phase 6 – Align the different book items using a Bootstrap layout grid.
- Phase 7 – Testing our site.

Content structure

Site map:



Content types:

- Homepage
- Books
- Borrow a book

Design:

There are many ways to provide design assets, for example:

- Reference links
- Image files
- Fonts
- Colors
- Layout
- Shapes
- Spacing
- Images & Icons
- Carousel
- Padding

Functionality:

Form in the "Borrow a book" page.

The student can reserve a specific book by filling out the form with personal information on the "Borrow a book" page. After that, student should receive a notification in the mail that the book is reserved.

Hosting:

We are using static HTML pages, we can use the GitHub Pages service.

- Step 1. Creating a new repository +

To create a repository, we go to the GitHub website and press the "New" button in the repositories block.

Now we need to fill in the parameters of the new repository. It is important that the name of the repository is in the form "username.github.io", where username is the name of our GitHub account. Example - "example.github.io". Be sure to check the box "Initialize this repository with a README". And then click on the "Create repository" button.

- Step 2. Uploading files

The repository is created, now we need to download the files. To do this, it is not necessary to clone the repository to our computer or to comprehend other nuances of working with Git – we can use the GitHub interface. We need to click on the "Upload files" button.

Then drag the files into the appeared download field.

Add a comment to our commit and click the "Commit changes" button.

Ready! The files have been uploaded to the repository.

- Step 3. Checking the work of the site

Select branch "main".

Select folder "docs".

Click on the "Save" button.

Accessibility:

- Headings, lists, tables, input fields, and content structures are marked-up properly
- Color is not used as the only way of conveying information or identifying content
- Default foreground and background color combinations provide sufficient contrast
- Text reflows in small windows ("viewports") and when users make the text larger
- Pages have clear titles and are organized using descriptive section headings
- Users are informed about their current location within a set of related pages
- User interface components that are repeated on web pages have the same labels each time
- Significant changes on a web page do not happen without the consent of the user

Deadlines:

- Phase 1 – October 5, 12:00
- Phase 2 – October 6, 22:00
- Phase 3 – October 7, 18:00
- Phase 4 – October 8, 23:00
- Phase 5 – October 9, 03:00
- Phase 6 – October 10, 02:00

- Phase 7 – October 11, 12:00
- Phase 8 – October 12, 05:00

Summary

Our work includes the website of the library of the Astana IT University. The main page consists the title "Homepage" and an additional carousel of the best, new books, subscription databases; also covers the pages "Books" with six books using CSS flexbox and "Borrow a book" with a Mailchimp form for book booking. We have achieved the desired result and the site that we planned at the very beginning. We faced difficulties of mutual understanding and time management, often our free hours did not converge, but this did not prevent us from doing our job. We learned and finally realized that the sooner you start a project, the better it will be. We reinforced our knowledge of HTML and CSS, studied Bootstrap, Bootstrap grid, CSS grid a lot. We studied design and learned how to write the cleanest code.