

Team Project

Web Site Design

420-PY3-AB

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I. Objectives and Intended Audience

i. Primary Message

We built the website with the purpose to bring the knowledge, development and entertainment to children through fairy tales. We are conveying the idea of available and affordable information resource that can be used for entertainment as well as education.

ii. Purpose

In short, the purpose of the website is to bring knowledge, personal development and entertainment to children through fairy tales. We want to share this information to provide a free and easy access to reading books online. We believe that the wonderful world of fairy tales and everything it holds should come at no cost for the youngest consumers. They deserve to get this product without paying for it.

iii. Intended Audience

The audience are children and their parents. Also, the website can be used by teachers, educators, tutors etc.

iv. Objectives

We do not pursue any commercial goal. The main objective of the site is to provide information to our audience as well as means to consume that information.

v. Expected Results and Accomplishments

The website is a basic and minimalist book reader for children and their parents.

We want to make it easy and enjoyable to use. As a result, we expect to make our readers returning readers.

vi. Needed Information

- Content: books (text and illustrations);
- Legal: copyright, content usage limitations;
- Technical: framework installation and usage documentation.

READ TO BE SMART

vii. Opportunity, problem, or issue addressed

That is an opportunity to create a resource with useful and entertaining information that can be used in multiple ways.

I. Objectives and Intended Audience

viii. Web site pages

- Home
- About Us
- Library
 - Book reader page

ix. Content sources

All the assets have been taken from free online sources.

II. Web Site Structure

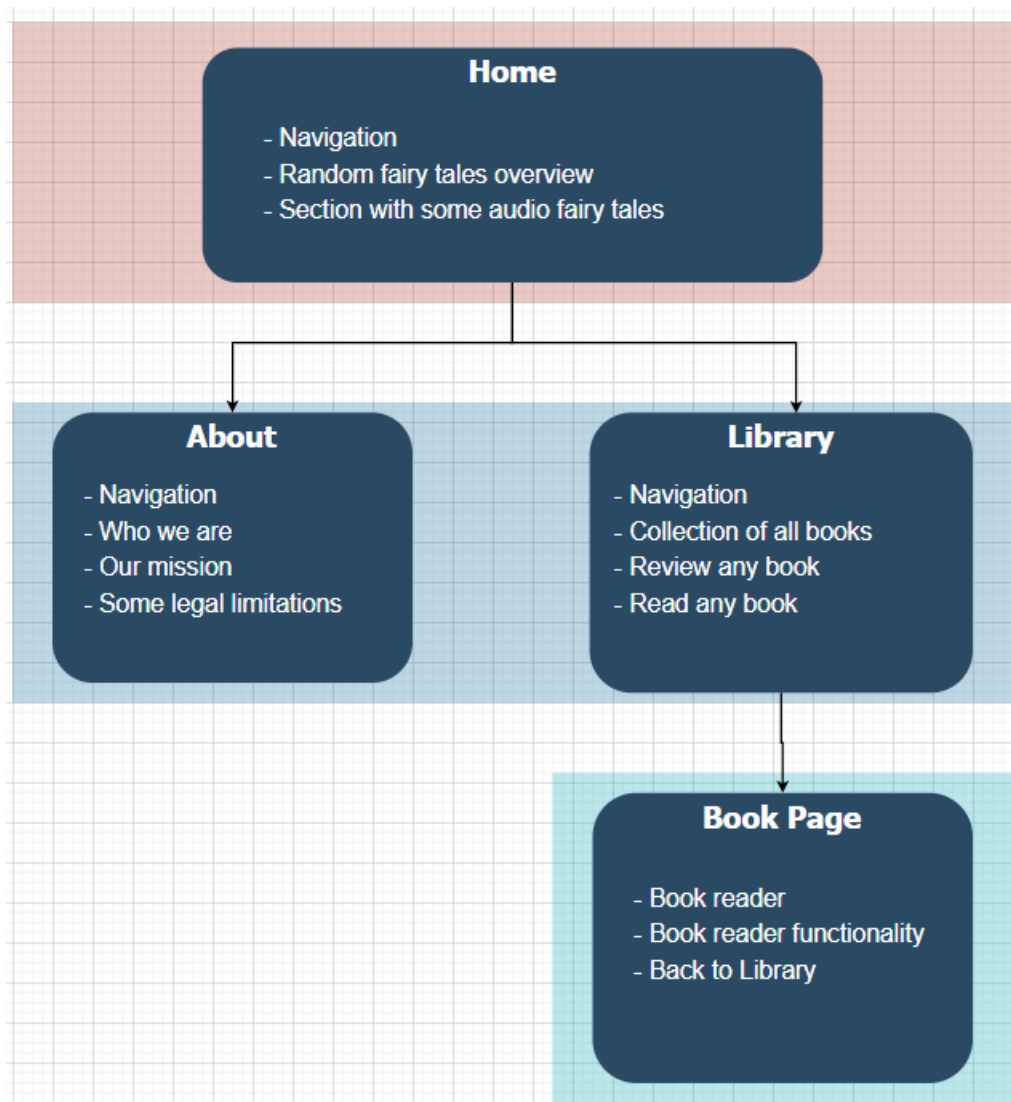


Figure 2. Home Page

III. Tentative Page Layout

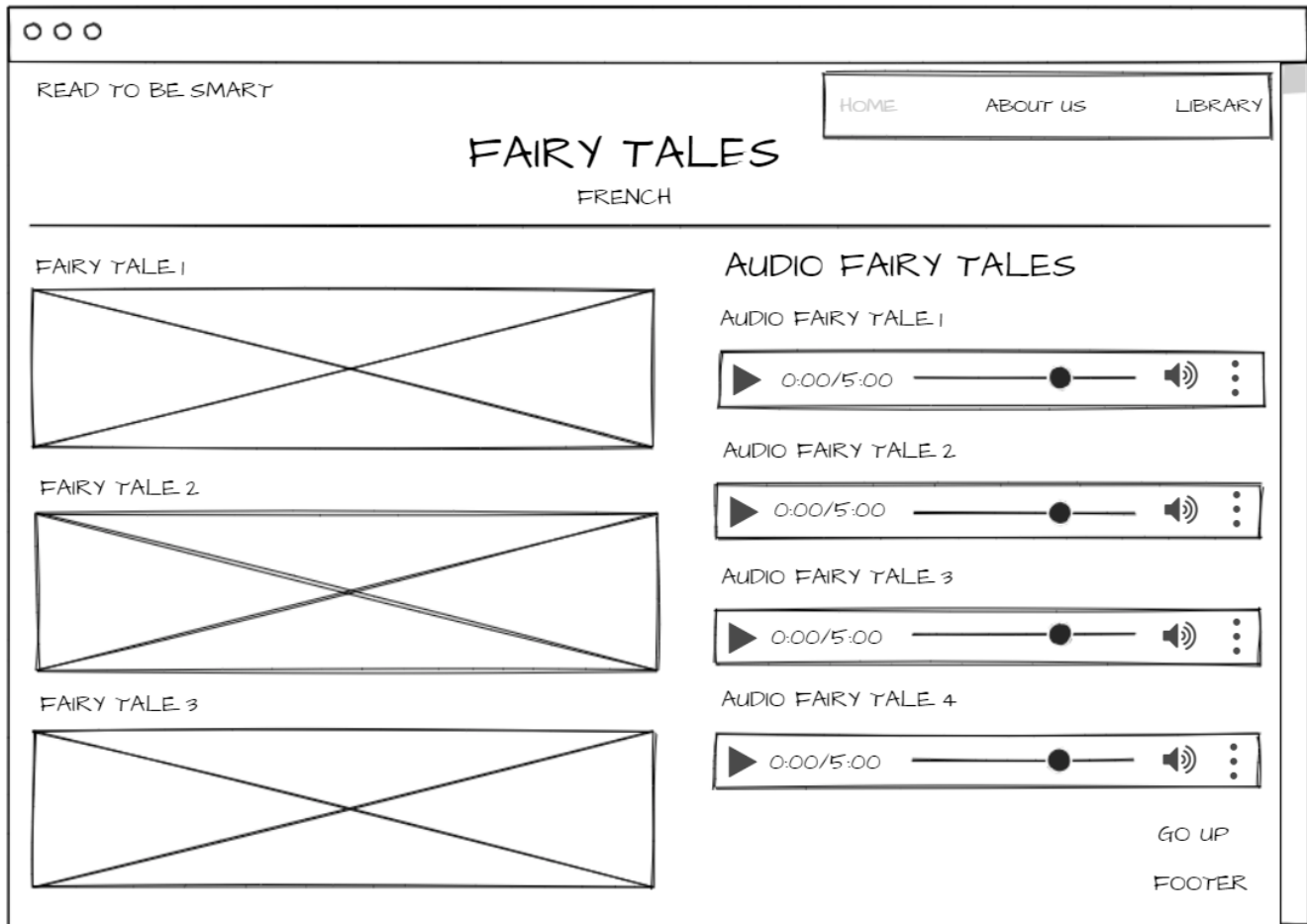


Figure 2. Home Page

III. Tentative Page Layout



Figure 3. About Us Page

III. Tentative Page Layout

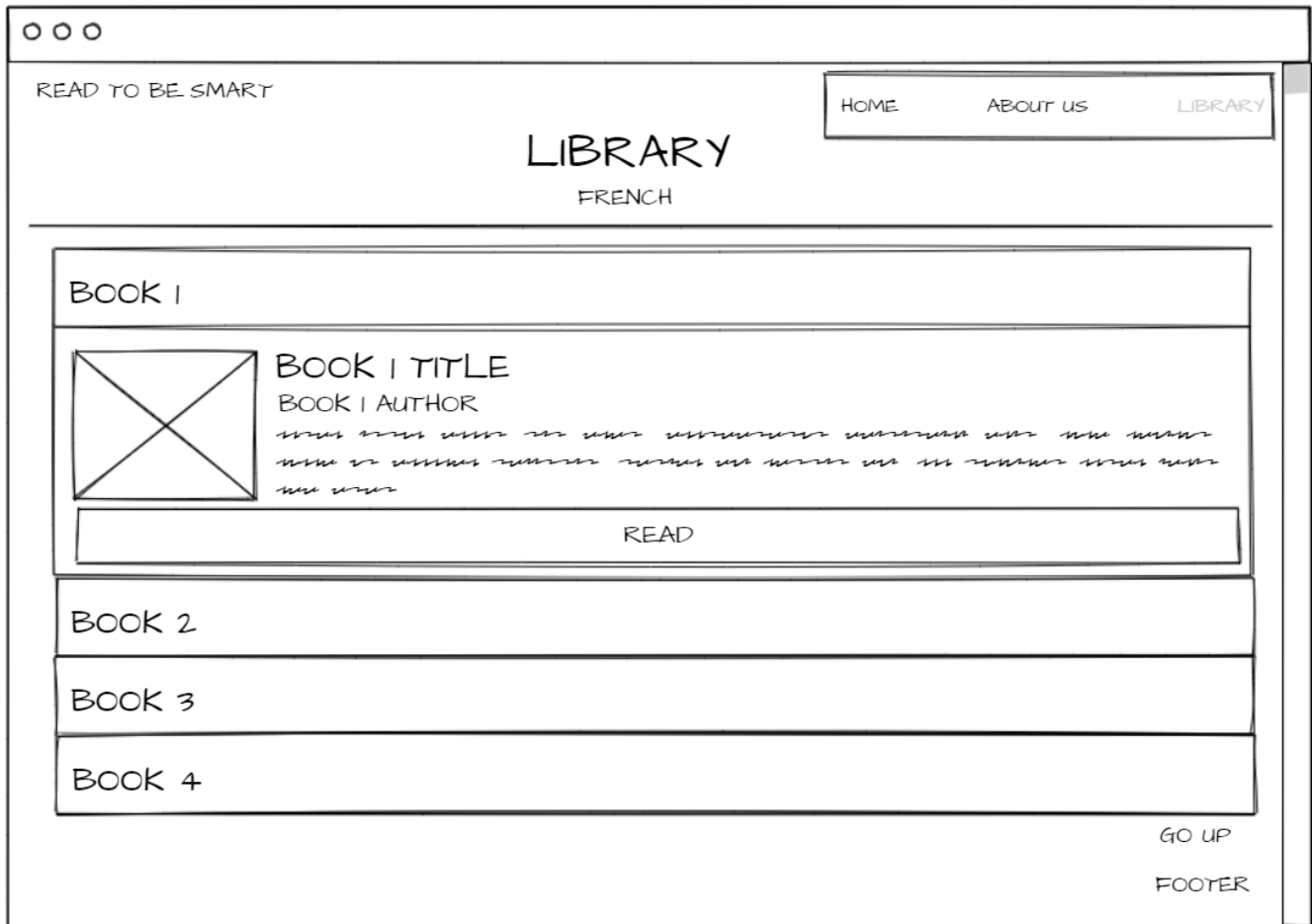


Figure 4. Library Page

III. Tentative Page Layout

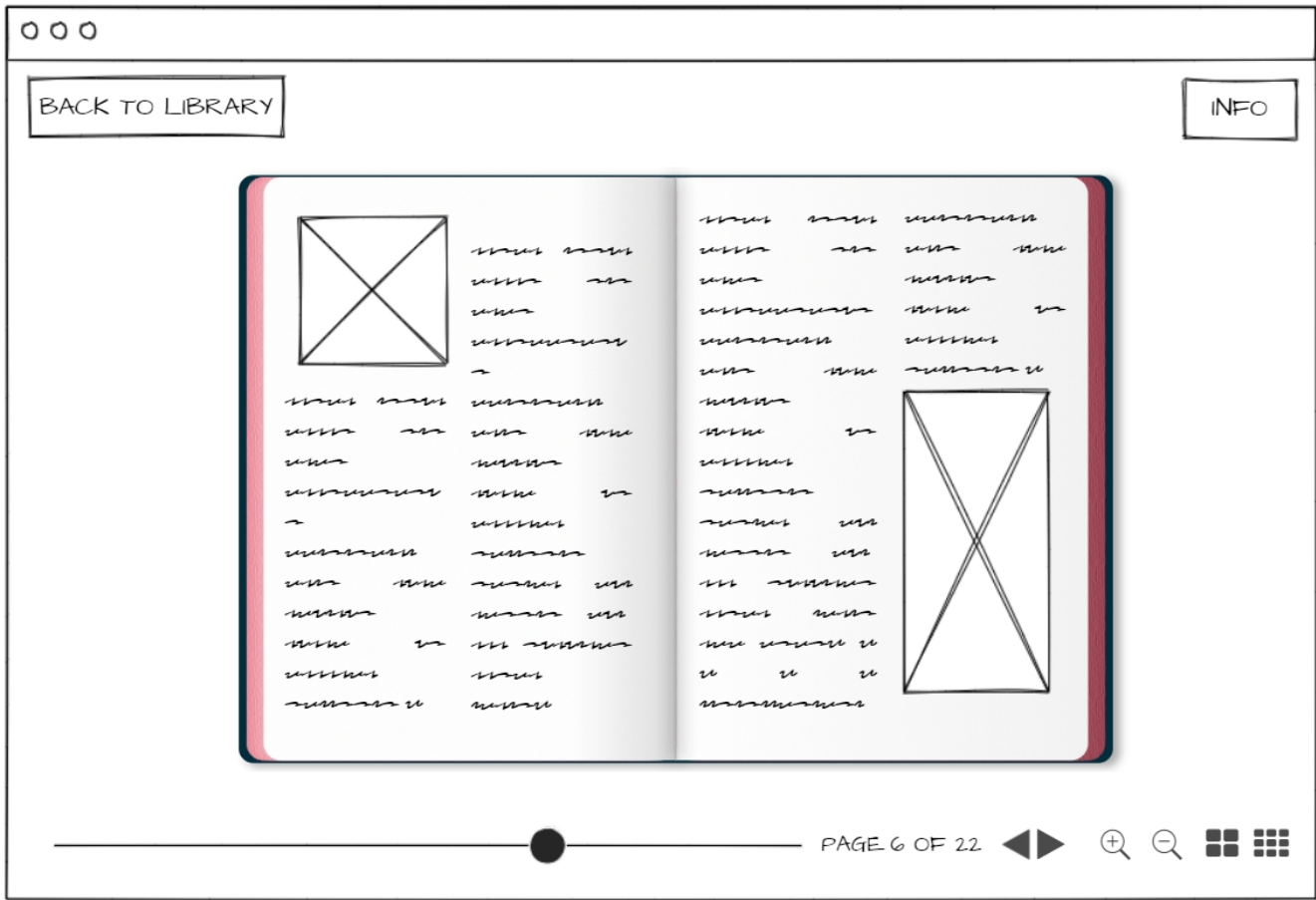


Figure 4. Book Page

IV. Benchmarking

During the analysis phase we did look at some similar sites to see what we liked about them and what we did not like. That helped us understand what we could take as inspiration for our site as well as what things to avoid.

The following are two sites that we analyzed:

<http://www.magickeys.com/books/> - this one is stuffed with different kinds of products, like audio stories, puzzles, quizzes, coloring books etc. However, the design is pretty old and the user experience is not the best.

This website's audio stories inspired us to add the audio section to our site's home page.

<https://www.freechildrenstories.com/> - this web page is illustrated better and the user journey is more intuitive but the typography is its downside, same as with the previous website. There are big amounts of text written in small hardly readable font. From good points – the resource has an additional podcast module that we liked. We took the idea of bright pictures from this page and implemented it in our product.

V. Conclusions

The project was divided into the phases of analysis, planning/design, development and testing.

During the **analysis** phase we did benchmarking of similar sites.

In the **planning/design** phase, we made a list of pages and distributed them among us. It was also decided to use the Foundation framework to minimize manual coding, improve the consistency of design and practice with the framework's features.

The **development** phase was the time for building the HTML pages, implementing the framework's global styles, customizing them to our web page's needs using Sass, creating JavaScript as well as using framework's embedded JavaScript plugins.

At the end we did thorough **testing** of all pages in both languages. However, there were more testing rounds during the other previous phases.

There were a few **challenges** that we faced. The first one is the framework installation and getting into its settings file. That seemed the only way to customize the global styles. We found a solution, using @mixin and a lot of other Sass custom functions. We eventually managed to get the settings file.

Another one was that the Library accordion would not adjust to mobile screen sizes – in this case the embedded framework's accordion helped. We used and customized it.

Our product opens a field for future functionality **enhancements**, e.g. subscription page, book rating page, book upload functionality and others that we have not thought about yet.