

Project Summary

Museo, by Muse, is a web application with an express purpose to track museum visits by collecting digital stamps. Each museum has at least one of its own depending on the size and how many different wings it holds, this being said, there are also milestone markers to track how many times a user has been at one museum or exhibit without having to keep track of ticket stubs and clippings. We recognize that tickets hold sentiment, but what happens when one gets wet or lost? That's where Museo comes in. We keep your museum memories in your own virtual diary without the worry of your trips or data being lost. Less waste means more organization, and more organization means more room to plan more museum trips, which means more cool stamps. There are also minimal social capabilities within the app that allow you to see where your friends have been and what exhibits they like the most. Strictly, Museo is not meant to reside under the social media umbrella for the sake of information privacy and our commitment to keeping the activities *real* and non-digital. Think of us as your trinkets closet, holding memories for you to look back on and add to as you reflect on what you've done in real life.

Users and Stakeholders

Our primary goal is to cater both to people that enjoy museums or are looking for fun, or museums themselves. A more long term goal would be to partner with museums to create promotional material more than we already do. But our users should see this application as an enjoyable and interesting way to track their museum visits. Primarily, it's meant to be very intuitive and simple, there aren't any controls to learn and it's laid out very simply so that just about anyone at any age that owns a cellphone, laptop, or any electronic device with an internet connection can use it. Our stakeholders (as well as being users) are museum staff and pr

representatives. This web application is meant to boost attendance and continued patronage of these pillars of historical preservation, and thus we concluded that our desired stakeholders would have a vested interest in the continued success of our platform.

Used Technologies

To build the website, we will be utilizing the MERN technology stack, which consists of MongoDB, Express.js, Node.js, and React. MongoDB will be our database where user account information as well as individual user data will be stored. The backend of the website will consist of Node.js and Express.js, which will handle retrieving and adding data to our database. React will be the technology of choice for the front end of our website, handling the UI and UX design and making the website interactive, dynamic, and easy to use.

Functional Requirements

On the website, users should be able to create accounts and log into them in order to save their data. Once in their account, a user should be able to track all the museums that they have visited, along with the number of times they have visited each museum. There should also be a page for users to create and refer back to a list of saved museums that they would be interested in visiting in the future. Each user will have their own book of stamps where they can view the stamps they have collected from visiting museums. Each museum will have a unique stamp for users to add to their collection. Additionally, there will be milestone stamps for visiting a certain

number of museums and other achievements. Each museum will have a brief description as well as a link to the museum's website, where users can learn more about the museum.

Non-Functional Requirements

Users should have the ability to add friends via their username or email and share the stamps they have earned with their friends. All accounts should have their emails verified before they can be used. Users should be able to see suggested museums to visit. There should be an interactive map where users can view the museums they have visited marked with pins to visualize their travel history. There should also be a stat tracker where users can view their stats based on data collected from the app, such as the most visited museums and the total number of museums visited. There should also be an interactive game of bingo where users can compete with friends in a quest to visit different museums.

Project Schedule

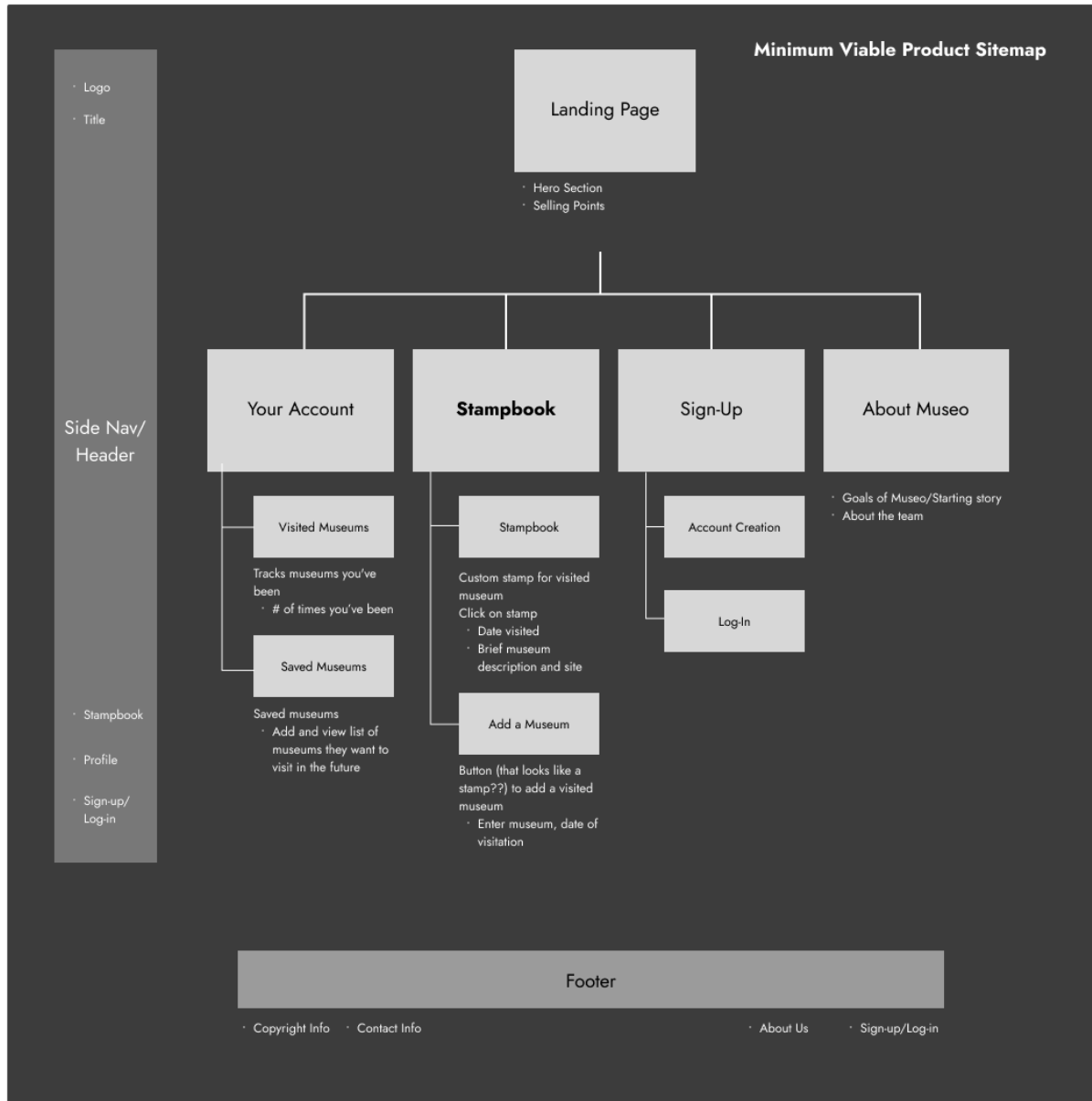
The project will first focus on creating the front-end of the individual accounts, being the visual book of stamps that every user will have. This visual book of stamps would have a Museum wishlist, a Museum tracker, and a statistics tracker. The stamps should also be linked to museum profiles that the stamps come from. Finally, the homepage would be created along with the events page and about page. After March 1st, we would be setting up the user account system on MongoDB and the ability to link and add to friends. The back-end for the museum tracker, statistics tracker, and the museum wish list among other functions would be completed by April

16th. The Bingo game would be created by this time as well, although it is not a high priority.

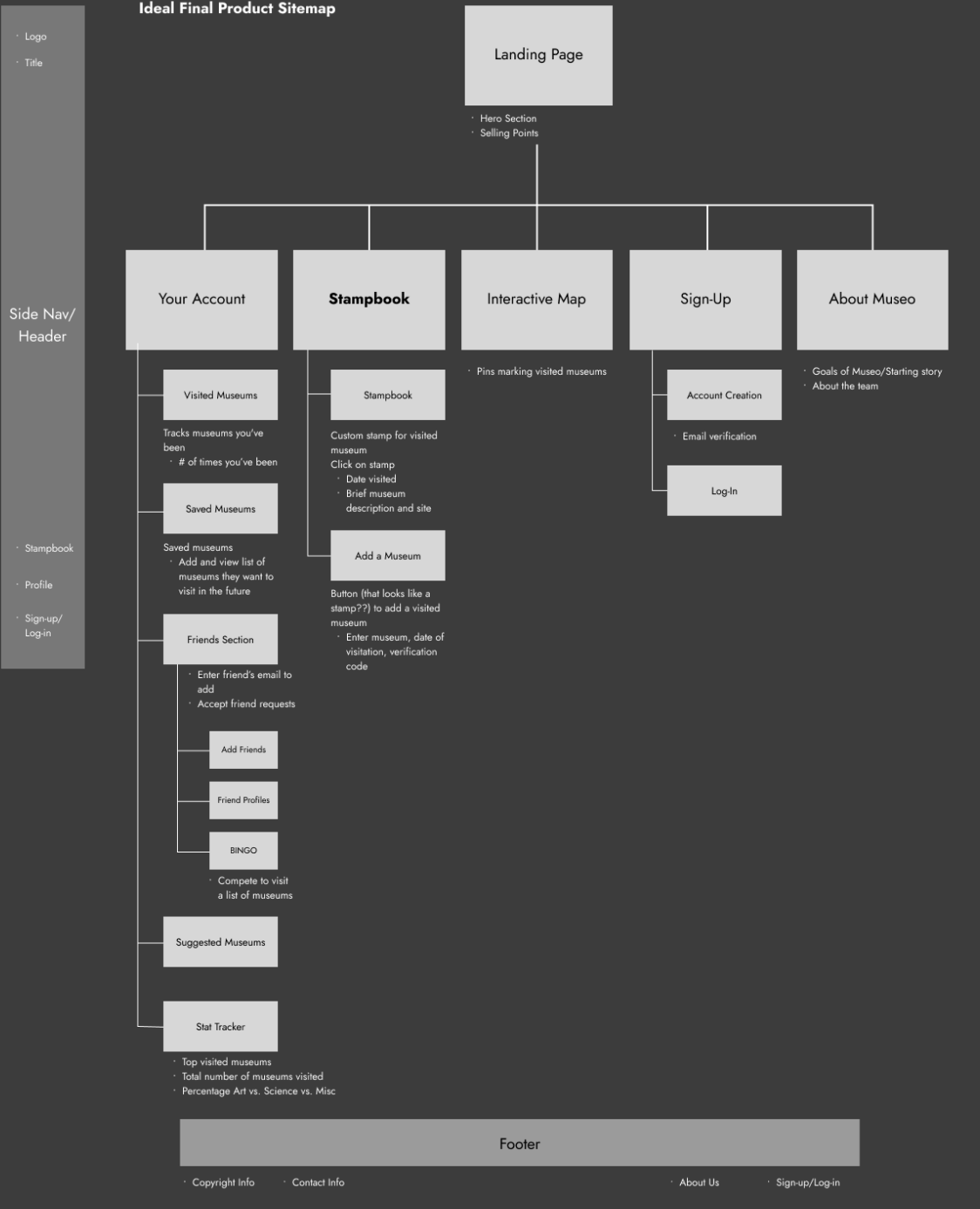
Throughout the project, stamps for museums and milestones will continuously be created.

Sitemap


Site Map - MVP





Ideal Final Product Sitemap




Wireframes









Create Your Museo Account

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Username

Email

email@gmail.com


Password

Confirm Password

☐ Remember Me

By creating an account you agree to our [Terms & Privacy](#)

CREATE ACCOUNT



MUSEO

Your Account


Contact

Stampbook

Credits

About Museo

Terms & Privacy



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Hello,
Username!

MUSEO

This is a sick slogan woahhh.

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SIGN-UP!



OUR MISSION STATEMENT

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Boston Museum of Fine Arts

Selling Point #1

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Selling Point #2

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American Museum of Natural History



NYC Museum of Modern Art

Selling Point #3

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JOIN MUSEO!

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Hello,
Username!



BOSTON MUSEUM OF FINE ARTS - Impressionism Wing

You visited on Tuesday, 30th January, 2024

Your Notes

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Ut et massa mi. Aliquam in hendrerit urna. Pellentesque sit amet sapien fringilla, mattis ligula consectetur, ultrices mauris. Maecenas vitae mattis tellus. Nullam quis imperdiet augue. Vestibulum auctor ornare leo, non suscipit magna interdum eu. Curabitur pellentesque nibh nibh, at maximus ante fermentum sit amet. Pellentesque commodo lacus at sodales sodales.

MUSEO

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Hello,
Username!



*Museum Name

Start Typing...

*Date Visited

DD/MM/YYYY

Verification Number

Enter six-digit code

Thoughts & Notes

Write whatever you want! What did you think of
the museum?

- ☒ Make this stamp public?
☐ Make your notes public?

ADD MUSEUM

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