

HYSH

Host your stuff here

Synopsis

Open Source web application that allows users to view, upload, and remove images.

This living document will be updated throughout the project. Feel free to comment, and suggest any changes you would like to see made.

Functional Requirements

This application should allow for the following features

- creation of a unique user
- login and logout
- file Hosting
 - Upload
 - Remove
- more. . .
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Non - Functional Requirements

//detail requirements pertaining to security, login system, database

//efficiency related to the aforementioned things

//more ideas?

Stretch Requirements

- Create feature to share picture(s) with another user

- Enforce case sensitivity/alphanumeric values with special characters in password selection

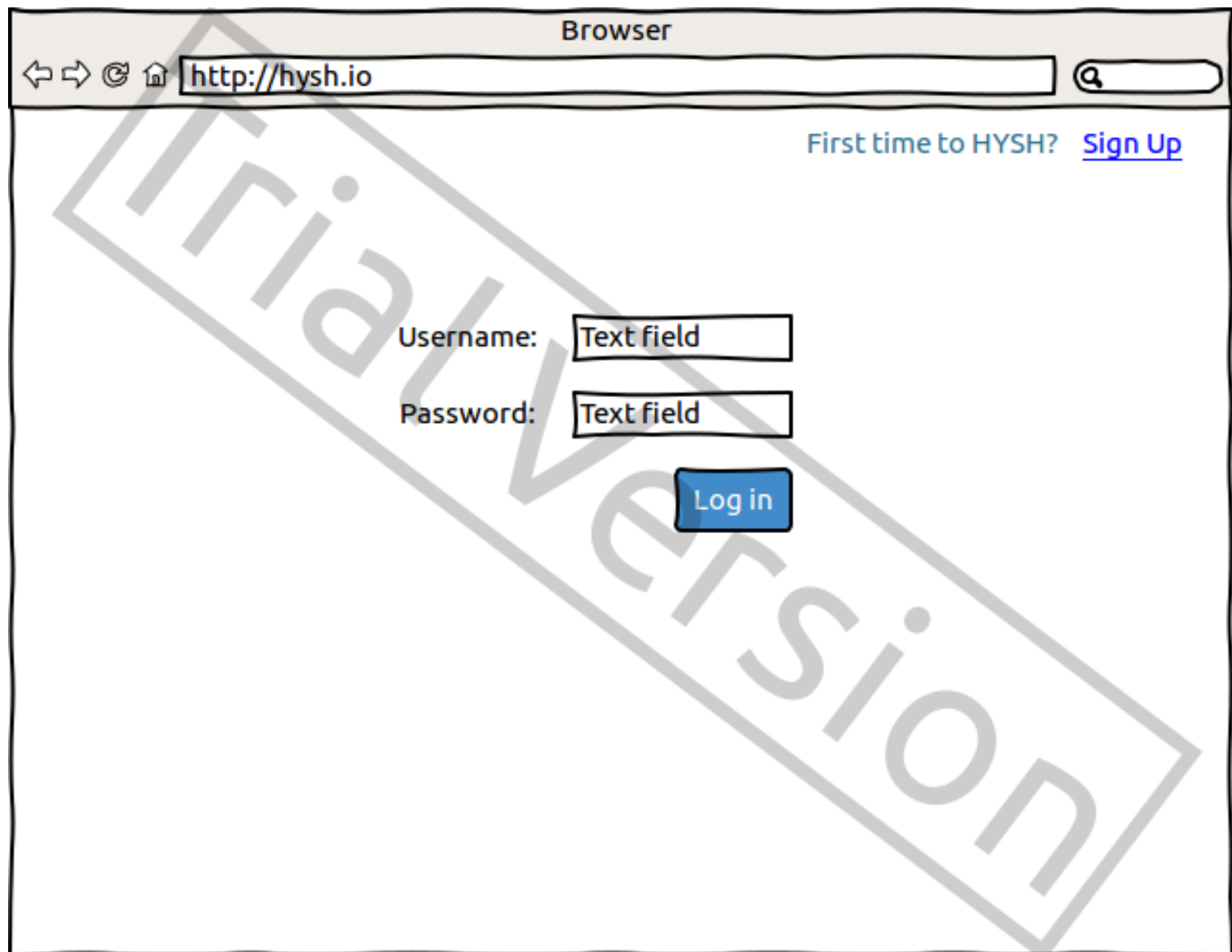
Technologies

Front-end: HTML and Bootstrap used to create UI for all pages. Nunjucks templating engine used to make template views to be rendered using express.

Back-end: Server side managed by express - a web application framework for Node.js. User authentication being performed by Node.js middleware, Passport.js. The database of users, containing their name, password, and email address in addition to their uploaded pictures is being constructed with MongoDB.

Licensing

This open source application is under an MIT license whereby any person or party can freely use, copy, redistribute, or modify the any or all of the contents of the software.



Proposed Login Screen

When the user visits the HYSH website the user is prompted with the choices of signing up or to log in. Clicking the 'Sign Up' link will send the user to the 'Register' page where the user has the ability to create an account. If the user has an account already they can fill in the username and password textboxes and proceed to their 'photo' page after clicking the 'login' button.

Browser

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Create account

Username:

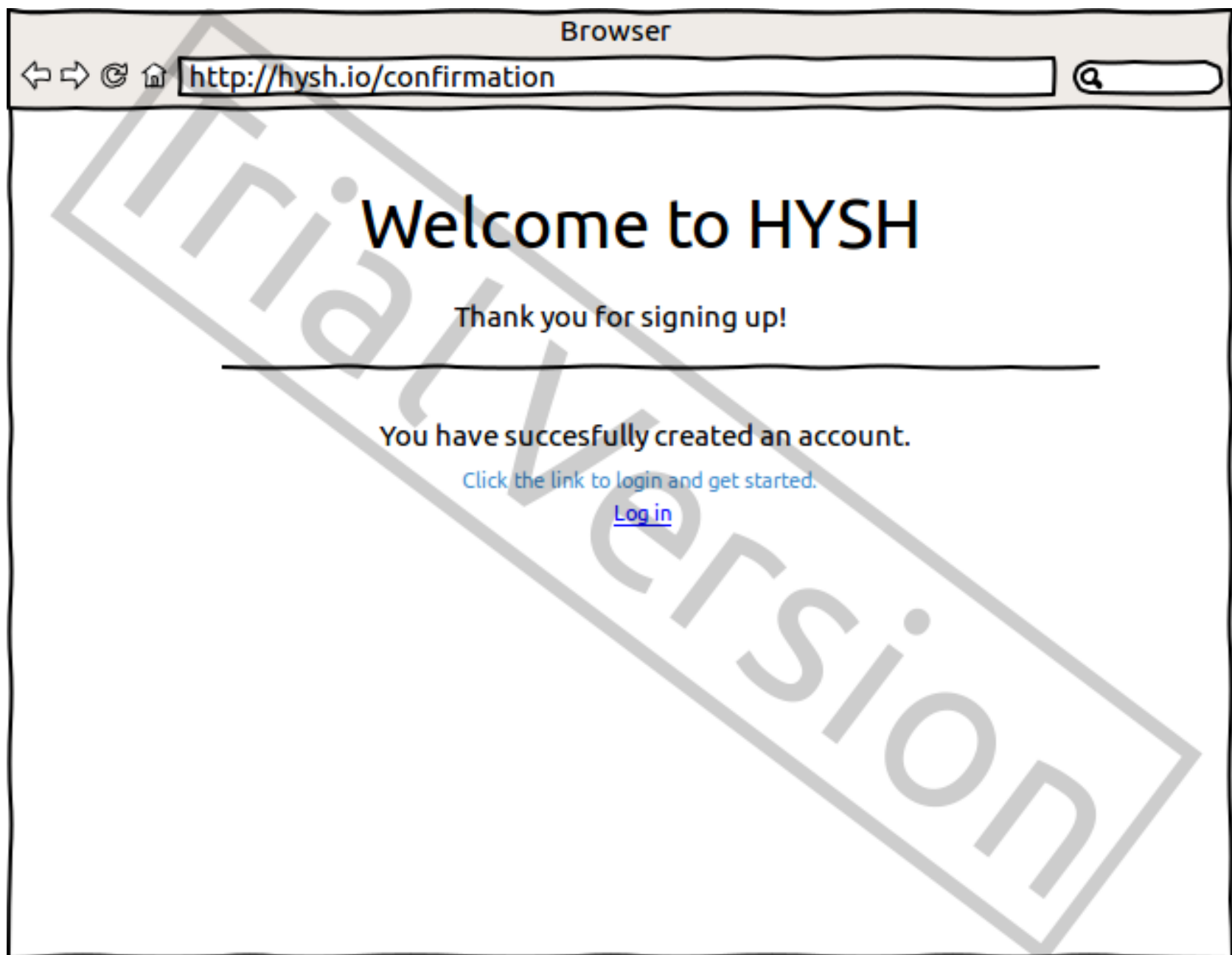
Password:

Re-enter Password:

Email:

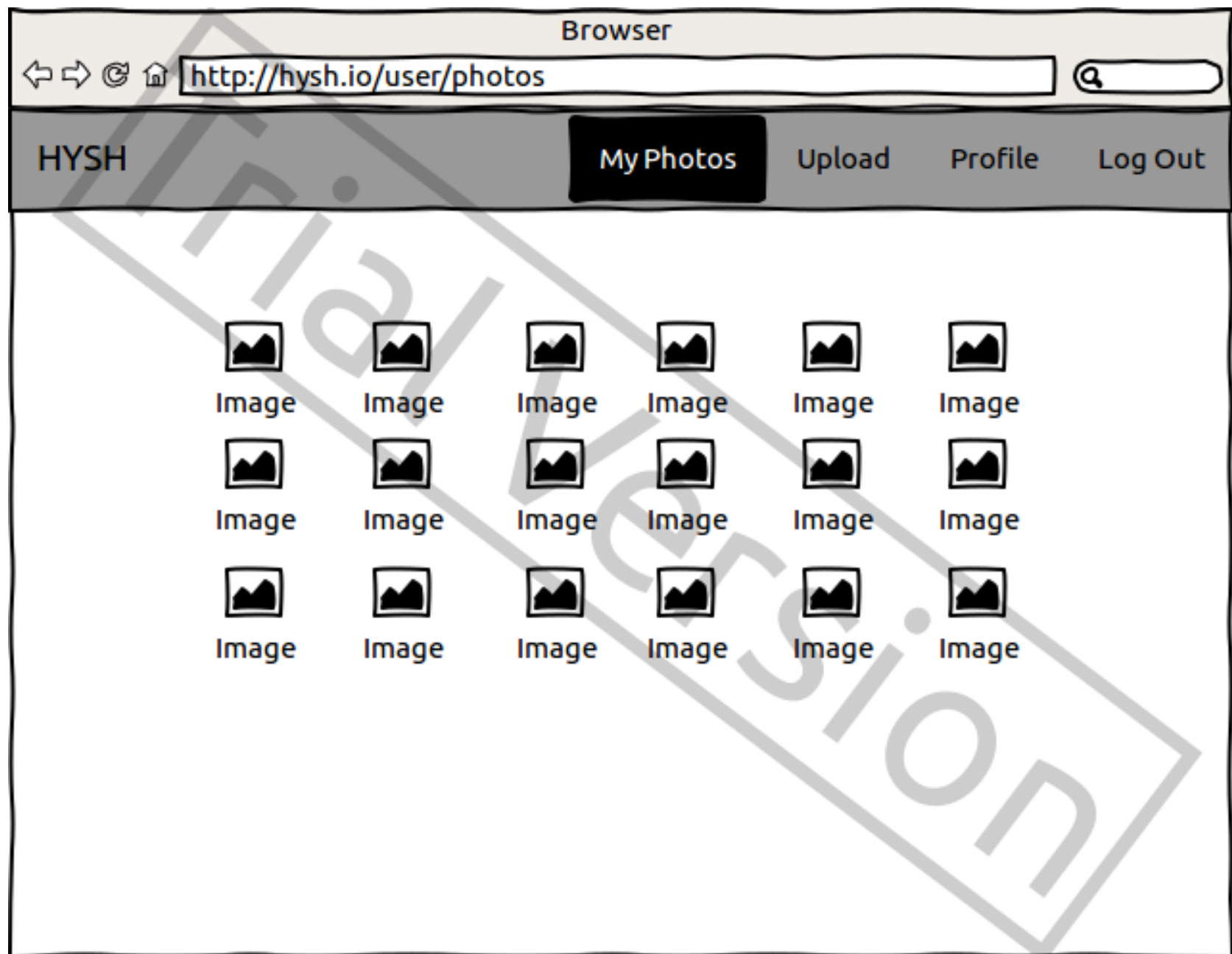
Proposed register page

If the user does not have an account at HYSH they can create one. The user must fill in each of the textboxes to proceed. Clicking the 'Sign Up' button sends the user to the confirmation page.



Proposed Confirmation Page

User proceeds to 'confirmation' page after clicking the 'Sign Up' button and successfully creating an account at HYSH. The user is asked to click The 'login' link to return back to the 'Login' page to log in.



Proposed user photo page

The 'photos' page is the first page the user sees when they log in. Displayed are all the photos that the user has uploaded to HYSH. This is also the first page in which the navbar is introduced.

The 'navbar' will contain link options:

- My Photos (*current page*)
- Upload
- Profile
- Log Out

