

# **Helen's Pastime Blog**

***February 14, 2021***

# Requirements and Design Document

## Project Name: Personal Web Blog – Helen’s Pastime Blog

### Project Overview:

Describe your proposed website. Must include the following information:

- This is a personal web blog where the user could type anything to write their daily life event or something that makes them fun. The user can review games and web novels. Sometimes the owner writes some guides on video games (mainly Genshin Impact). The main themes are lifestyle and Gaming.
- The purpose of this website is to spread out happiness, suffering, sadness, and angst from the owner. It is like a journal but online so the owner will reveal their experiences in what’s going on with their life.

### Client Information:

- o Name of the client: **Helen Nguyen**
- o Organization/Institute/Business the client/s are associated with: **Student at UNCC**
- o Client’s valid email address: **hnguye89@uncc.edu**
- o Client’s phone number (if they are willing to share): **no phone number**

### Site Map:

Site Map: <https://www.gloomaps.com/9gz9yZVVbl>



The owner’s back-end website where they can control and monitor their website to see if there’s any issue with the server and data, and can change whatever features on the website.

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## Page Design [one section needed for each page/sub-page]:

**Name Page:** Homepage

**Purpose:** This page contains some information, such as welcoming to those visiting this owner's page.

**Audience/Users of the page:** Users

**The content of the page:** This is where users could see the owner's blog posts. They may interact with the Spotify playlist. They can subscribe to the website by putting in their email. The navigation bar should include this homepage, blog, my entertainment, about, about, and the search bar align top right.

**Name Page:** Blog

**Purpose:** The list of the owner's blog post

**Audience/Users of the page:** Users

**The content of the page:** This page contains the archives pages that contain the older posts of the owner, including the first author's post. Each page of the post includes the comment section. Each comment section contains forms such as insert their desired username and email. Add a check box if they chose to remain anonymous.

**Name Page:** My Entertainment

**Purpose of the page:** This has two subpages: Web-Novels and Gaming. This is to introduce those who are interested in the owner's entertainment after reading the blog posts.

**Audience/Users of the page:** Users

**The content of the page:** Web-Novels subpage is where she put my lists of what she is currently reading and, in the future, she will add reviews on how the web-novels goes as well users

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engagement in the reviews. The Gaming subpage contains what games she is currently on and may sometimes put reviews.

**Name Page:** About

**Purpose of the page:** Introducing about the website and the owner.

**Audience/Users of the page:** Users

**The content of the page:** This page introduces the owner's reason and purpose of why this website is developed.

**Name Page:** Contact

**Purpose of the page:** Users can view the contacts of the owner.

**Audience/Users of the page:** Users

**The content of the page:** Users will view this page to know where to communicate with the owner such as Gmail and Discord. They could send their email through this website by implementing the email forms.

## Dynamic Functionality on the Website:

Describe the dynamic functionality you will implement using JavaScript- this is a description of the interactivity, for example, forms, calculators, interactive images, photo gallery that you wish to implement on your website. Specify the name of your webpage where you plan to use a certain interactivity and explain the reason. Provide example of URLs of web pages/websites where you found the interactivity that you would like to implement on your website.

With JavaScript:

- The Spotify playlist can be played in every other page, however, this website may use the JavaScript in order to create the music playlist with the songs from the owner's Spotify playlist. The website will use the JavaScript music playlist:  
<https://levelup.gitconnected.com/creating-a-simple-music-player-with-javascript-e825d93adff3>

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- The website should have a JavaScript where a user can easily click on the links of the navigation tabs. It does not need to refresh the page. The example: <https://theintrovertentrepreneur.com/>
- Search engine can be implemented on the navigation bar next to contact. When typing in any titles, the titles should come up along the drop down. The example is the Google search engine where it shows the recommending words, titles, objects, or phrases.
- The blog page archive contains the history of posts, so there will be database like MySQL and programming web language like Python to implement this feature. This feature will be implemented outside our classes' scope. Ex: <https://kevin.me/blog/>
- If there is a filtering feature, then it could feature the blog post from oldest to newest and by months and year.
- Comment Section: can be used in HTML, JavaScript, JQuery, and Ajax to post a comment. We'll which of these codes could work for the comment section.
  - o Pure JQuery Comment System: <https://codepen.io/monoke/pen/jOPMvOo>
  - o Real-time Commenting System: <https://www.smashingmagazine.com/2012/05/building-real-time-commenting-system/>
    - Pusher is a hosted service for quickly and easily adding real time features into Web and mobile applications which required to register an account.
    - \*\*\*But the real-time commenting system can be implemented in the future so the main focus is the “Generic Blog Commenting System” which requires no real-time system.
  - o The forms should include any names and checkbox if the users prefer to remain anonymous after they type a comment.

Not really JavaScript:

- The navigation bar should have a dropdown menu and it has to be right-aligned: (Scroll down to where it says “Navbar Dropdown Menu”) <https://materializecss.com/navbar.html>
- Adding Social Media: Discord, Twitter, and Reddit
- Web-Novels and Video Games images and use mouse cursor to hover over the image with text. Ex: <https://makitweb.com/html-how-to-show-text-above-image-on-hover/>
  - o Including links when entering the page.