

Criterion D: Product design—Overall structure

Overall structure of website

SQL Database:

Columns:

first Name: Varchar(32)

last Name: Varchar(32)

bible: Varchar(255)

englishLink: Varchar(255)

japaneseLink: Varchar(255)

chineseLink: Varchar(255)

This is for the testimonials page.

Testimonials Index

Header

Instructions

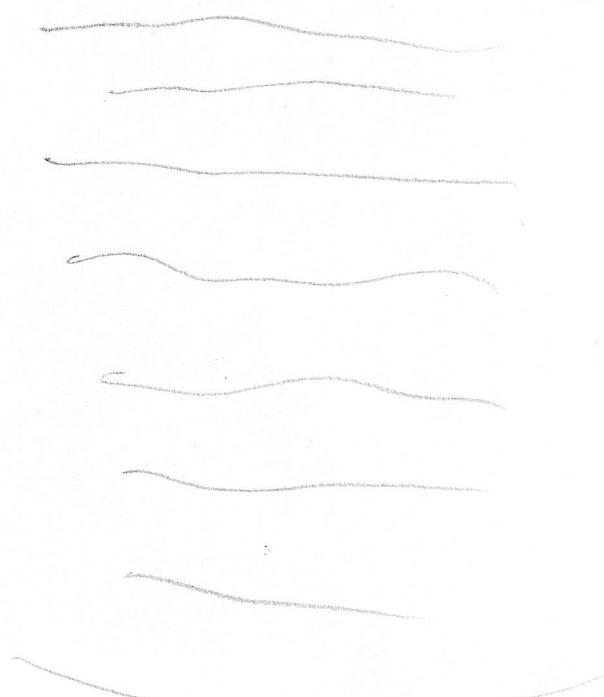


Search :

- English
- Japanese
- Mandarin

results from SQL
database

radio buttons



Calendar Pages

(gehechi-schedule.php & winter-training-schedule.php)

Title

Embedded Google
Calendar

80%
Height

90%
width

Footer

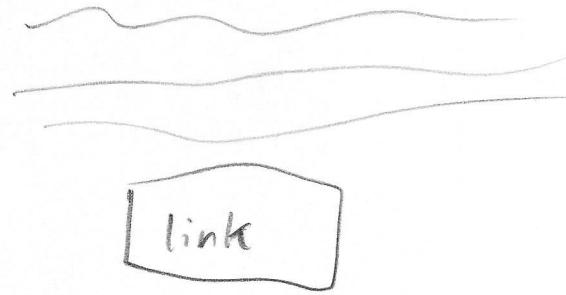
Schedule Index

Header

Gohoshi Schedule



Winter Training Schedule



Footer

Contact Us Page

contact-us.php

Contact Us

Name:

Email:

Message:

contact-us-action.php

Thank you!

go back



Information Index

Header

Information

Categories

- Lineage Information
 - Contact Us
- } links to respective pages

Footer

Buddhist Stories Index

Header

Buddhist Texts

image

Title of text - link to reader page

Author

Issue

Summary

...

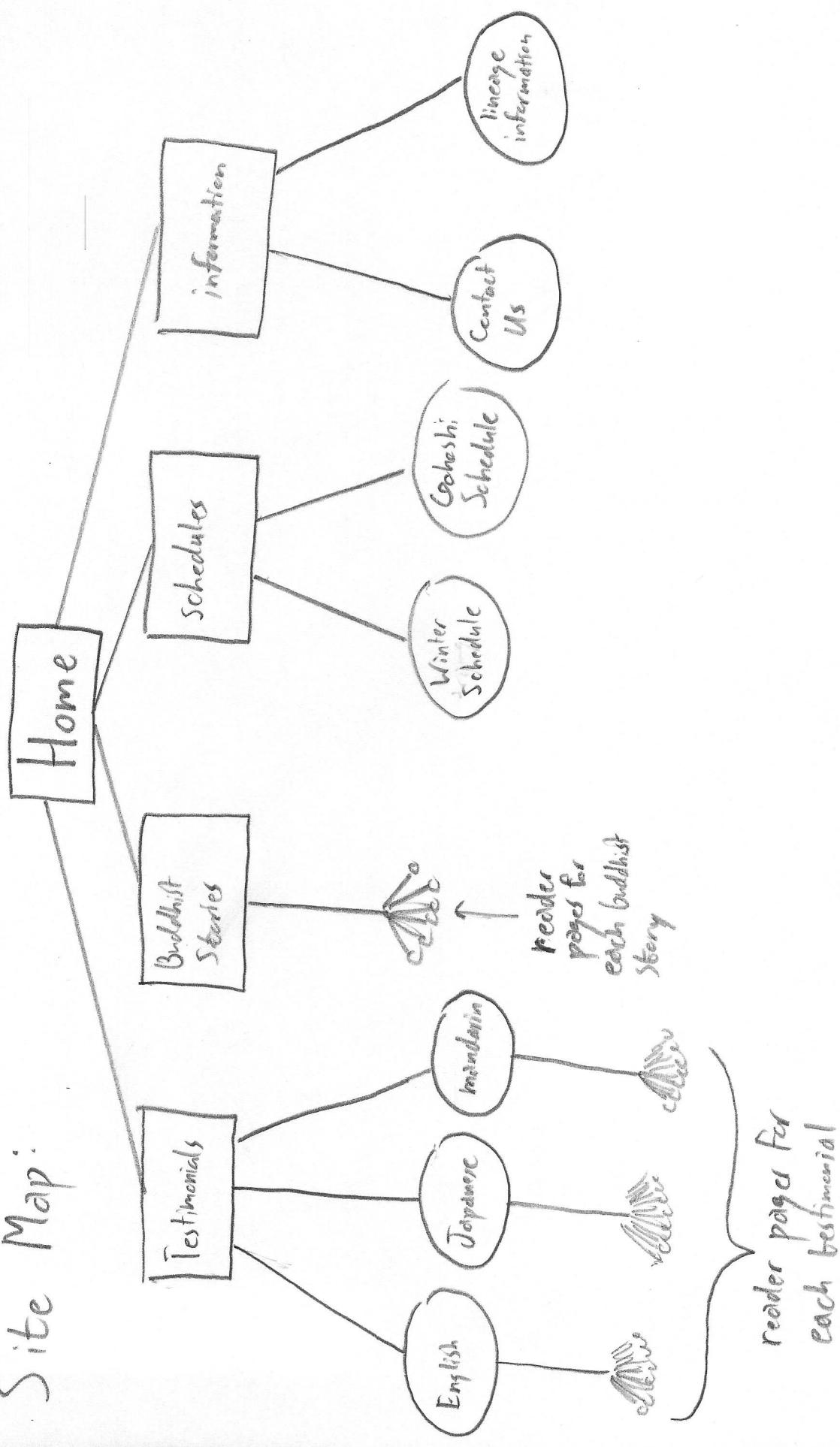
Footer

File Hierarchy:

(root folder)

- CSS (folder)
 - CSS files shared throughout site
- Javascript (folder)
 - JavaScript files shared throughout site
- Header.html
- Footer.html
- MetaData.htm
- Index.php
- Pages (folder)
 - Buddhist-Stories (folder)
 - CSS (folder)
 - res (folder) (for storing images and other things)
 - Index.php
 - Stories (folder)
 - (reader pages for the buddhist stories)
 - Information (folder)
 - index.php
 - pages (folder)
 - contact-us.php
 - contact-us-action.php
 - lineage-information.php
 - Schedules (folder)
 - gehoshi-schedule.php
 - winter-training-schedule.php
 - index.php
 - Testimonials (folder)
 - CSS (folder)
 - index.php
 - Content (folder)
 - (reader pages for all testimonials)

Site Map:



Page Layout

Carson Linedge

(navigation bar)

(Page Content)

(Footer)

Design of Header & Menu/Nav Bar

the client wants it
to be very clear that the
site is by and
for our lineage

Carson Lineage

Home Testimonials Stories Schedules Information Search

/
navigation bar

each
category can
have a drop
down menu.

structure of nav bar:

- Home
- Testimonials
 - English
 - Japanese
 - Chinese
- Schedules
 - Gohshi
 - Winter Training
- Information
 - Lineage information
 - Contact Us.

The search bar should fold out
when "Search" is pressed



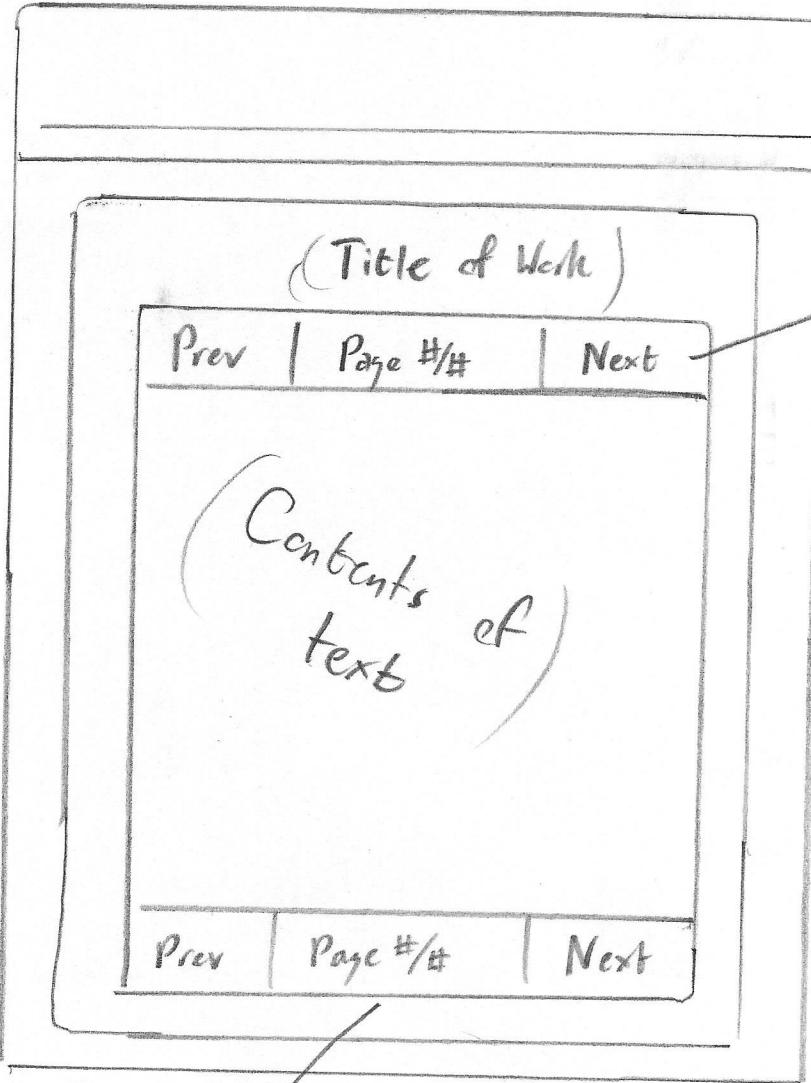
Design of Footer

(Page Contents)

Home link | Contact-Us | Information

link that goes back
to top of page

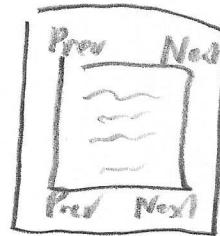
Design of Reader Page



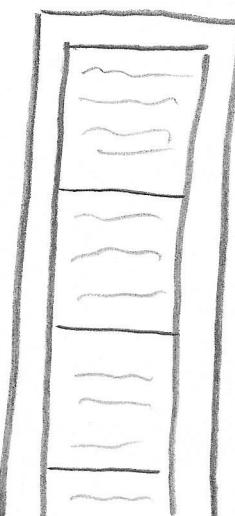
} Header + title

When user presses:
Next: the page switches
to the next page
Prev: ----- to the
previous page

Page view:



Article view



Page View | Article View | Print

Prints page

Internal structure

List of resources and techniques

Resources	Details
W3schools.com	Reference for HTML, SQL, Javascript, CSS, and PHP.
phpMyAdmin local Apache server	In order to manipulate mySQL databases and use PHP

Techniques	Details
Javascript Coding	This will be used to implement some of the interactive features of the site: for example javascript will be used to create a toggling search-button on the navigation bar and implement the functionality of buttons on the reader pages for testimonials and Buddhist stories.
HTML markup (in text editor)	This will be used to create and encode markup that forms the skeleton of the site. I am not using dreamweaver because I'm more skilled with Vim and SublimeText.
CSS (cascading style sheets)	This will be used to edit the visual appearance of the site to ensure that it looks coherent and professional on multiple browsers.
PHP: Hypertext Processor (version 5.5+)	Will be used in order to implement scalability development functionality (in a way analogous to Server side includes) and to implement forms and variable content. Also will be used to interface with mySQL database

SQL (Structured Query Language)	Will be used to index different testimonials entries and URLs so that they may be searched and organized.
Embedding Elements	I will be using embedded google calendars and an embedded google search bar within the site.
Unix Scripting	Due to the massive amount of text I'll need to process to get the old website's content out, I will be using unix shell commands to ease some of the more repetitive work. (for example commands like grep, sed, chmod, and find).

Test plan

Test item	Test data	Part of system tested	Expected outcome	Actual outcome	Comments	Ref in product
Cover page testing – REQUIRED ELEMENT FOR CRITERION G						
Web pages load from the cover page in three different locations	File naming to ensure home page is called Index.htm	Links on cover page are relative	Loads as required from 3 different locations			
Product testing						
All Links are valid	All links should be followed to ensure that they lead to the correct page. Testing on one	Website Links	All links lead to their intended destinations.			

	browser should suffice.					
The page displays as intended on all major browsers	The page should be presentable on chrome, firefox, safari, opera, and IE9+ on windows and mac	Compatibility with Browsers.	Chrome, firefox, safari, opera, IE9+ work on both windows and mac.			
All interactive elements should work correctly	The tabbed testimonials element and the "storybook" reader view should respond to user input properly.	Compatibility with input	These elements should work on all browsers on PC and Mac			
All Pages should be "navigable"	There will be no 'dead end' pages, and there should be omnipresent navigation to main pages of the site.	Ease of Use	Breadcrumbs and navigation bar on all pages work correctly			

Agreement of client

I confirm that the requirement specification meets my needs and the designs above are appropriate for the creation of the product.

