ITC210

Sai Kit Lam, Curtiss Melvin, Monisha Viswa

Black Heritage Society of Washington State

**Requirement Document**

**Organization Background**

The Black Heritage Society of Washington State, Inc. is a non-profit organization dedicated to the acquisition, preservation and exhibition of materials relating to the history and culture of African-Americans in the State of Washington. To fulfill its mission, the Society solicits, collects, and preserves family and organization memorabilia; prepares and presents exhibits for local special events; recognizes, annually, African-American pioneers in their fields of endeavor.

**Our Goals**

We, as a team, will design and develop a brand new website by using WordPress for BHS by which matches their requirements and needs.

The new website will have the following features:

* Raise awareness of the public
* Attract more people to the site, especially the youth
* Make it easier for the staffs to make new posts
* Make a responsive site
* Enable people to join membership through PayPal on the site
* Allow online request for collections
* Subscribe to the newsletter
* Create a dynamic calendar which populates upcoming events
* **Create a Slider** to highlight the memorabilia in the homepage

**Technology Requirements**

**Markup Code**

Markup Code for the project will be written in valid HTML5 as to control to the structure of website components. Markup code will adhere to standards as set forth by the W3C.

**Presentation Code**

Presentation code for the project will be written with Cascading Style Sheet (CSS) as to control the design and layout of the website components. Presentation code will adhere to standards as set forth by the W3C.

**Client-Side Scripting**

Client-Side Scripting code for the Project will be written in JavaScript as to control website item applications.

**Server-Side Scripting**

Server-Side Scriptingcode for the Project will be written in PHP as to control the elements that interact with the server and database component. We will leave her current website up but we are currently looking for a hosting company so she can put the site up.

**Database Component**

The Backend database is MySQL as to control functionality that stores and retrieves content data.

**Source Code Management**

Github is used for version control and source code management.

**User Story**

User Story 1: Joining the membership

A user wants to join the BHS membership. In the membership page, he can see the member benefits listed one by one. For example, a quarterly newsletter highlighting the goals and progress of BHS. There is a form below the member benefits section asking for some personal information such as last name, first name, date of birth, address etc. Once he fills out all the required information, he clicks the “Next” button. It will bring him to a payment page. After he completes the payment through Paypal, he will receive an email receipt confirmation.

User Story 2: Subscribing / unsubscribing to newsletter

There is a textbox on every page of the site for people to sign up for newsletter. By filling out your email address, you will receive an email whenever there is a new post on BHS site. It gives subscribers immediate alert. And of course they will also be able to unsubscribe anytime no matter what reason.

User Story 3: Requesting collections

Users are looking for photographs to support research, family history, or local organization history. They want to request some collections from BHS.

On the collections page, they can see different items. Items are ordered by their popularity. Users can also use the filter feature which allows them to perform a more specific search. Each item has an image, a title, a description. Clicking on a single item takes the user to a detail page, which has more information of that specific item. In this page, user can also have a quick view of items that are related to the one they are currently looking at.

There is a request form below the information section. Users need to fill out some information such as name, organization, reason of request etc. in order to make a request. And the staffs will process it.

**Questions**

1. How many items does BHS have?
2. Do the items categorize well?
3. How many collection request does BHS get a week?