**Personal Website Project Plan**

**Objective of Plan**:

Design and implementation of a prototype for a website functioning as an image gallery to enable visitors to select tile products for use in their home by viewing images of various manufacturers’ products. This website will be a static version of a dynamic website with additional product selection functionality and possibly design functionality, to be developed at a future time.

**Website Functionality**

The Personal Website’s functionality will enable visitors to make a selection of tile manufacturer from a list of manufacturers on a Manufacturer Selection Page (the index page) in order to view a list of the selected manufacturer’s tile products, together with their product specifications, including thumbnail product images; then make an individual product selection, and view an enlarged image of the selected product, displaying the detail of its design.

Visitors will make initial selection of products to view by specifying the manufacturer whose products they wish to view. Selection of a manufacturer will trigger, via a page link, display of a table displaying a list of that manufacturer’s tile products, together with the values for a specified set of tile industry design parameters, including,

1. Product ID;
2. Manufacturer’s Product Line Designation;
3. Design Name;
4. Product Dimensions;
5. Thumbnail Image.

Additionally, for each product item listed in the table, a link to a page with an enlarged version of the thumbnail image will be included. An “About Us” page, describing the purpose of the website to visitors will also be linked to the index page. Visitors will also be able to back-navigate from any of the aforementioned pages to the preceding one.

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**Tools for Implementation of Website Functionality**

The programming to implement the described website functionality will be done utilizing a combination of HTML5 and CSS; HTML5 for functionality, CSS for page & styling design. The image file format used for displayed tile images will be JPEG.

**Criteria for Evaluating Achievement of Project Objective**

Since this website is a prototype, verification of success in achieving the purpose of the website will be accomplished by determining whether the described functionality has been successfully designed and implemented. Success in these two areas will have been achieved if the following 5 criteria are met:

1. The index page displays correctly when a visitor navigates to the website;
2. All pages display according to Design Specifications;
3. Code written will create and display a table holding the specified product information for each manufacturer ;
4. Code written will retrieve and display Product images as described;
5. Page links created in code function properly as designed.