Libraries and Frameworks

Hosang  
Arima, Trinidad  
[akilhosang@gmail.com](mailto:akilhosang@gmail.com)

Abstract – This document serves to discuss subjects under the topic of libraries and frameworks in terms of web design.

I. Introduction

Web design have become a very prominent aspect in the world of communication and information and so to aid in the design of these webpages, programmers utilize libraries and frameworks to handle a bulk of the work that would have to be done to create the desired design. Due to the time saving nature of these components of web design, they are widely and commonly used when creating pages that require extra details or information. A library, according to the website Webopedia, is a collection of precompiled routines that a program can use so in its simplest form, it provides functions for the program to reduce time spent coding them. A framework, however, provides a model for designers to use to allow them to solve a particular problem. This is an abstraction where code that is used often for a generic purpose forms a model for designers to modify for specific needs, overriding or specializing using their own code. This makes frameworks more

I. Websites and Web Applications

The terms websites and web applications, or commonly referred to as web apps, are often used interchangeable in conversation and though they have their similarities they also have discrete differences that serve to define each term differently. A website