Gary King

CIT360

Brad Lawrence

23 November 2019

Use Case Document: UML

**Goal**

This Program has two goals. The first is to check if a Website has valid header data. Second is to provide that valid header data to the User.

**Purpose and Stakeholders**

The Primary Stakeholder is myself, and my interest is in proving the concept and potentially using this to valid where and how I can pull website data with a Java Program. The Secondary Stakeholder would be my Professor who will review this to ensure that I learned the concept. There is potential for a Third-Party stakeholder if others use this program down the road, but currently not in the scope of this project.

The Purpose here is to develop a program that could utilize functions that allow a Java program to connect via HTTP to a URL (website). The more specific purpose of this site was to test for valid webpage header content and provide it to the user.

**Scope**

The scope is to test for webpages that provide clear headers in their html code that are not nested inside of other divisions. Specifically, I am looking for h1-h5 tags. Webpages with fancy JavaScript, PHP, etc. headers, or have the headers deeply hidden inside of other tags are out of the scope of this project. There is also no current commercial application in the scope of the program as it currently stands. The current scope is strictly academic.