Coursework Report

Benjamin Brown
40279333@napier.ac.uk
Edinburgh Napier University - Advanced Web Technologies (SET09103)

1 Introduction

Within this assignment we are asked to create a Python-Flask app that will deliver a web-page that will be ran on the Universities server allowing users to access it from any machine if they know which link to access it by.
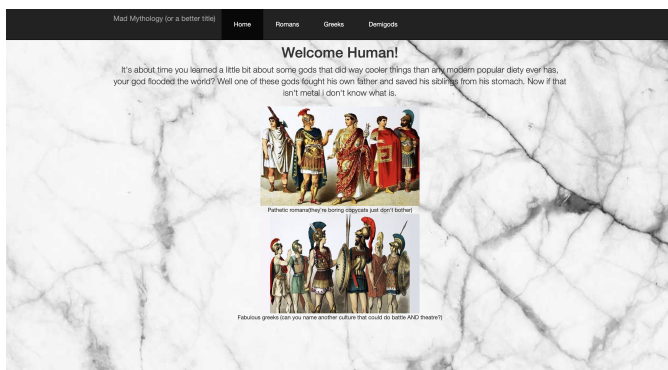

Figure 1: **Home Page** - Home page allowing you to choose Greeks/Romans

2 Design

My web app is a simple design that allows you to choose between 2 cultures(GreeksRomans) and from withing there choose to learn about 3 of the gods from each respective pantheon. transferring between the pages is easily done through either the Navbar on the top of every page of by the buttons on each page, some are pictures with href built in and others are simple buttons. My site was designed to be operated as easy as possible so anyone could enter it blindly and use it entirely
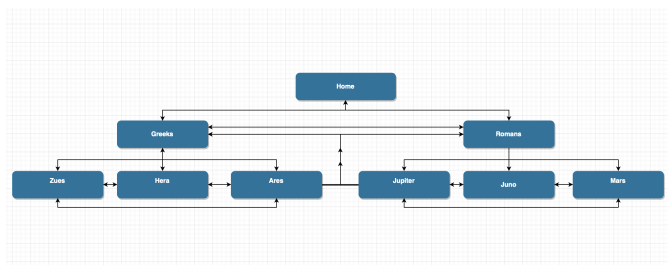

Figure 2: **Nav map** - URL hierarchy of site

3 Enhancements

Possible enhancements I would like to add are the ability to have a like/dislike option on each god, also a standard online quiz that will reveal which god you are most like(likely will have to add a log-in system for this to work fully). Another enhancement I would like to add is a section for someone to add another god in that's currently missing with a built in evaluation to make sure that no addition is a duplicate of one already added to the site, in the same vein as this modification to the pages by select administrative users would be a worthwhile addition while regular users could put in requests for certain changes.

3.1 Log-in

Creating the log-in feature would require linking the site to a database allowing the site to reference the stored users

3.2 Administrators

There would need to be levels of authorization built into the users to allow for admin privileges, perhaps a unique code registers to each meaning any user who's code starts with "AD" has full control while those with "US" only have browsing capability.

4 Critical Evaluation

My Web-app works well for general browsing within the site, it has reasonably good protection against users going to places that don't exist by having a 404 redirect that mean the site doesn't just become useless should the user go to /nothing for example. However the site is missing the demigods section and the humans side of each of the two cultures which would need to be added for full functionality.

5 Personal Evaluation

I feel in this task I performed reasonably as I have created a successful python-flask app that does deliver the user a site through which using routing, HTML and a little bit of CSS an easy to use site is shown. By referencing the workbook i learned a baseline of bootstrap to use for the site to allow the navbar to operate properly giving a sense of consistency throughout the entire site, within each of the pages there are also links to other pages as well as a consistent "back" button allowing you to go back unless you are at the home page.