

# Coursework 2 Report

Alexander Spencer  
40323886@napier.ac.uk  
Edinburgh Napier University - Module Title (SET09103)

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because, i myself, enjoy many dishes and would most likely want to keep a track of them.

Another functional improvement i would like to include would be a suggested recipe section on each recipe page that would be relevant to what the cuisine of national origin the user was looking at.

## 1 Title

Dishes from around the world Web App

## 2 Introduction

The dishes from around the world web app is a python-flask based web application that show cases various dishes from various country's and continents from around the world, as specified by the coursework requirements.

## 3 Design

The hierarchy of the site can be summed up in a the idea of a tree, with the python app being the base splitting into various sections such as the static files, the config files, the templates, and the testing files.

From there once again, it splits off into the individual files of each folder of HTML files, CSS files, Images, JavaScript and Config files.

This type of architecture is rather common with most high-level web applications.

## 4 Enhancements

Due to limited time and experience whilst developing this web app, there are many things i would of like to improved upon for both functionality and UX design features of the app.

### 4.1 Functional Improvements

Some of the functional improvements i as a developer would include is a database to improve the ability to add new information about dishes, e.g. a database which would be able to separate by country of origin on a single web page. Of course this would take a bit more extra time to do.

Another functional improvement i would include is an ability to create accounts so you can save lists of favourite dishes, the reason i would to like to include a feature as such is

### 4.2 Design Improvements

Due to time constrictions i was not able to create a more user friendly in regards to how each part of the pages link up to each other.

## 5 Critical Evaluation

In the site there are many different features that have been implemented as part of this coursework, this section is here so i may present what parts i feel work well, and which don't work well to the point of wish to improve.

### 5.1 Features that work well

One of the major function that i think went well is the proper set-up of linking from one set of pages to another, i include this because of the fact in the workbook teaching of python flask it was never explained how to link multiple pages together as such, as a result i was able to learn and implement this feature on my own.

Another think that i think went well is the simple navigation bar at the top of the page, this simple navigation bar would allow users to easily sort through the sections of the site they wished to look through.

### 5.2 Features that don't work so well

One of the features i think that doesn't work well was the setting up of some of the bootstrap features of thumbnails and images, this is due to some of them being distorted from time to time.

## 6 Personal Evaluation

### 6.1 What i learned

During this coursework i learned so much, what i consider the most useful was the ability to setup the web server protocols. I consider these the most important skills i learned because up until this course i had no idea how to to this. Since learning this i feel as though my skill as a developer has jumped dramatically by leaps and bounds.

In addition to the setting up of web server protocols, learning the basics of python, vim and flask. Thanks to learning these skills i feel as though, like learning the web protocols, these newly acquired skills have helped me grow as a developer in a better full stack developer.

In addition to that i also learned how to setup database within a Python app, however, i believe it was not necessary for the scale of this project to use.

## **6.2 Challenges face during the development**

One of the major challenges i faced while developing was having constantly having connection issues to Google API's as i was attempting to connect to the site in order to use JQuery, after a while however, this connection was given up and instead a local version of jquery was used in order to elicit a more stable connection while using bootstrap css and bootstrap js.

Another issue i encountered while developing this site, was a download issue regarding bootstrap, however, after a while, i was able to gain a work around via downloading and uploading the files manually rather than via github.

A third issue i had while developing this site was to get CSS information to work on web page's, in order to get by this i had to use a local style tag on each of the pages that was use.

A fourth issue i had was that files that were part of course-work 1 were being uploaded to the github repository even after they had been deleted from the local repository, this cause many issues for over week, result in unexpected delays, however, it was eventually solved on the last day of work.

## **6.3 How i feel i performed**

Overall, i feel as though i didn't preform as well as i could have, i feel that i could have done a lot better given the time i was given,however, technical issues kept me from doing any better than i could have.

In the end however, i still think i was able to at least preform adequately given the unexpected delays from the earlier mentioned github issues.