

Methods for Automatically Generating a User-Friendly Interface to a Nutritional Database

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ABSTRACT

This project proposes and implements a method for sorting through a large dataset of food items. The dataset at hand is the McCance and Widowson's Composition of foods integrated dataset - or CoFID, for short. The CoFID is a highly detailed dataset comprised of foods commonly consumed within the United Kingdom. The issue with the CoFID is that due to its complexity and format, it's difficult for the average person (i.e. people without an extensive understanding of nutrition) to search through the data and extract meaningful information. And with the UK's adult obesity statistics showing a year-on-year increase, it is now more important than ever to ensure that people have access to a range of reliable nutritional information.

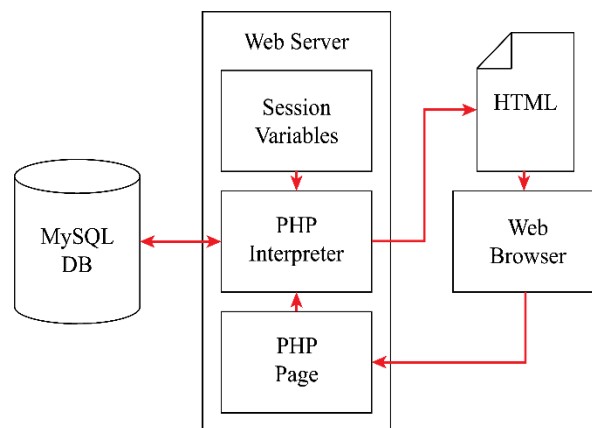


Figure 1. Page request for the implemented site

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