**Fuel Price Comparison Project – Liam Bennett (ID E10952736)**

**Planning Analysis Sheet-Module C**

**Goal:**

The goal of the website is to provide, using Python and HTML files, a fuel price comparison website of petrol stations in towns in Leinster. For each town in the dropdown menu, it lists a number of petrol stations in the town showing their brand, their address and their petrol and diesel prices. Google maps also identifies the location of the petrol station on google maps in the aside. The main aim of the website is for users to be able to input information on petrol stations in their town along with address and prices. These added stations are also shown on the google map. A further function allows users to become members of the website and avail of offers such as applying for a fuel card. A number of javaScript files have been included to allow for further development of the website, though they are not used in this module.

**Working Files**:

App.py: The main and only python file controlling the website and linking with the six HTML files.

Index.html Represents the main page containing the main search feature of the website.

Base.html:. Holes the basic features common to all the HTLM pages such as its heading, its three navigation bars and its footer.

Fuel\_price\_update.html: Allows users to input information on petrol stations by town, brand and prices. This information is then added and used in the search in the index.html. However, this added information is lost on closing down the server.

Membership.html: Allows users to apply for membership of the website (using email address) and allows users to apply for benefits such as a fuel card.

Response.html: Contains response to user on updating information to the website.

Main.css: The CSS file for the above HTML files.

Index.js: Fuel\_price\_update.js & Membership.js: Three javaScript files have been included but are really only holders for future website development with the exception of the map\_showlocation function in the index.js.

**List of Sources**:

The sources for the above page are:

The AA Website: "https://www.theaa.com"

 Google Maps: [www.google.com/maps](http://www.google.com/maps)

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**Planning Analysis Sheet-Module C – sheet 2**

**Folders Used:**

ModuleC\_PriceComparison

App.py

Process\_email.py

Documents Planning Analysis Sheet

Static CSS main.css

JavaScript index.js

Membership.js

Fuel\_Price\_Update.js

Images Bugatti.jpg

PetrolStations.jpg

Templates Index.html

Base.html

Membership.html

Fuel\_price\_update.html

Response.html

**Planning Analysis Sheet-3**

**Site Plan – Fuel Price Comparison Website:**

|  |
| --- |
| **HOME SCREEN**  **Index.html** |

|  |
| --- |
| **Contains main search screen for fuel comparison** |

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|  |
| --- |
| **MEMBERSHIP**  **SCREEN** |

|  |
| --- |
| **BASE SCREEN feeding all HTML files** |

**-**

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| --- |
| **FUEL PRICE UPDATING**  **SCREEN** |

**-**

**Membership Screen --- for applying for membership of the website and for applying for a fuel card.**

**Fuel Updating Screen is to allow users to input information to the website on towns, their petrol stations and fuels prices.**

**Planning Analysis Sheet-4**

**Wire Frame -- Fuel Price Comparison Website:**

|  |
| --- |
| **HEADER – The heading of each page included here.** |

|  |  |  |
| --- | --- | --- |
| **NAV**  **The three navigation bars included here**  **Index**  **Membership**  **Fuel Price Update** | **MAIN**  **The main content of each page included here** | **ASIDE**  **The Aside , while included for future development of the website is only populated currently in the index.html showing the location of the petrol station.** |

|  |
| --- |
| **FOOTER – contains references to the sources for the website, the AA and Google maps.** |

**Planning Analysis Sheet-5**

**Hosting on GITHUB and Render.com**

**The URL for my website is as follow:**

**https://modulec-fuelpricecomparison-7sox.onrender.com**