**F28WP Web Programming - Assignment 5**

**Submission Deadline: Wednesday 28th November 2018 at 14:30 o'clock**

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| **Team Member Name: Amaan Akram H00272130** |

**Tasks**

In the final Lab Assignment you will create a **web application** by mashing up web APIs(\*).

A web application is an application that **delivers a specific service** through a website.

Therefore, your web application will be simple but with a clear purpose. You are free to select the type of service that your web application will deliver.

These are some ideas of the types of “specific services” that your web application could provide:

* A service that provides users with real time information on when their buses are due to arrive at their bus stop so they could plan their journey in advance. Your service could use Google Maps API to display the user’s bus journey or bus stop location.
* A service that enables users to find information about their favourite movies. For example you could use APIs to give news published on the movie, ratings, trailers, etc. or even to show photos of meals that go well with the movie.
* A service that provides users with up-to-date weather information for their selected cities, completed with forecast for the next days, city images, news, maps, etc.

(\*) You are free to find and use the APIs that you think are suitable for your web application. We will value the use of new and different APIs but you are allowed to mash-up your API with the APIs that were assigned to the other groups. Thus, if you are from group B, you can combine your API with the APIs of groups A and/or C.

**Report** (Mark: Up to 5%)

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| **Accomplished Task (briefly describe / justify your answers if required)** | **Mark** |
| Your web application works and provides a useful and easy-to-use service  **URL**: http://www2.macs.hw.ac.uk/~aa322/CW2/lab5/films.html | 1.0% |
| Your web application uses data obtained from your assigned API | 1.0% |
| Your application uses two or more calls from your assigned API or combines data from two or more different APIs | 2.0% |
| Your web application has been coded using MVC | 1.0% |
| **How you helped your partner:**  Helped with the testing stage of my website!  **How your partner helped you:**  Helped with formatting | **Bonus points up to 1%** |

**Submission: (Late submissions will be assessed at a 30% penalty.)**

Complete the above “Report” and upload it to VISION:

F28WP\_2018-2019 (Web Programming) → Assessments → Coursework 2 → Assignment 5