Deliverable 3 – Functional Implementation

## Aim

Within your group you will implement the **interactive functionality** of the web app required to support the user interaction and experience described in the Concept Report and illustrated by the HTML/CSS Interface Design . The web app should use a combination of **JavaScript**, **jQuery**, **JSON** and **Ajax** to create an interactive user interface that loads data from a 3rd party web service(s).

## Structure

The content of the deliverable is the complete web app, including all HTML, CSS, JavaScript, and other resources (e.g. image files) required to run it.

## Guidance

* You must make use of JavaScript and jQuery
  + Your scripts must be commented to explain their purpose
  + You should minimize “in-line” scripting
  + Your scripts must be split into small functional units rather than one massive monolithic script
  + Your scripts must be well formatted and show good coding style (e.g. appropriate indentation, sensible variable and function names)
* You should use jQuery to achieve the following purposes:
  + DOM manipulation
  + Event handling
  + Graphical effects
  + Ajax requests
* You must successfully retrieve, parse and use JSON data from a 3rd party web service within your web app
* Cross-browser compatibility is desirable, however you should **target Firefox or Chrome** as these browsers will be used for assessment.

## Submission

**The submission date is Friday 29nd April 2015**

**All code must be located on the GitHub platform and each group should host their site on Azure.**

**Each group must submit a single doc which contains the following information;**

* **list of team members,**
* **a link to your GitHub repository**
* **the URL of your Azure host where the app is running.**

**Don’t forget to submit the Peer Assessment for this deliverable.**