

# Assurity API Endpoint Program

**Start Date:**

11/11/2019 , 10:45 AM

**Description:**

A simple API end point assertion program to test data received from an API endpoint JSON File

**References/ resources:**

*Custom .css & header php layout files*

<http://www.starshiplad.com> (owned by me)

*Importing javascript from API endpoint*

<https://stackoverflow.com/questions/2499567/how-to-make-a-json-call-to-a-url/2499647#2499647>

**Considerations:**

The program is developed in javascript, using a php file to import styling options & headers. Due to the need to make the program executable on a non-defined system, and javascript's built in JSON reading potential, .php using in-built javascript code seemed like the best way to test and display data and results.

**Specifications:**

The requirements given by the client were as follows:

Create an automated test for the API endpoint

<https://api.tmsandbox.co.nz/v1/Categories/6328/Details.json?catalogue=false>.

Make the following assertions:

Name = "Badges"

CanListClassifieds = false

The Charities element with Description = "Plunket" has a Tagline that contains the text "well child health services"

The program is required to be executable and sharable to client.

**Layout**

# Header

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Introduction Text.  
Function Call button.

## Dynamic results text

Source	Target	Comparison	Result

### Log:

10:45 -11:00 :

Uploaded basic website skeleton to <http://www.starshiplad.com/APItest.php>.

Created this log file.

11:00-11:20 - Implemented json calling & storing, tested readability and ability to change 'dynamic results text'.

11:20-11:30-Created bitbucket account, uploaded APItest.php to master branch

11:30-12:15- Implemented comparison code for specific examples, using non-generic methods.

Each comparison calls a generic output method to display test results.

12:15-12:35- Testing.

Implemented a prevention boolean to stop multiple runs of button

Added a 'comparison' text element to results display

12:35-12:45- Uploaded this document to website, handed in final project