NAME Amar Zagorčić Project 2 – Rubrics

ISTE340 Client Programming

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| **✔** | **Tasks** | **Points** | **Score** |
| ☐ | All the required content of the IST Department is loaded into the new website.  List all the links from which the data is loaded into your web page as required.  ANSWER:   * .Below is the list of links from which the data is loaded upon request: * <http://ist.rit.edu/api/about> * <http://ist.rit.edu/api/people/faculty> * <http://ist.rit.edu/api/degrees/undergraduate> * <http://ist.rit.edu/api/degrees/graduate> * <http://ist.rit.edu/api/employment/coopTable> * <http://ist.rit.edu/api/employment/employmentTable> * All links were provided in the assignment folder. Specific parts of URL are provided in the controller of the program and passed to model which uses the provided .php file to manage the URL and fetch the data from links provided. The data is loaded from the view and appended onto the index.html | 50 |  |
| ☐ | At least 3 jQuery plugins (maps not counted).  Write down the sources where you downloaded the plugins from. Also, explain how the plugins are used and where to find them in your project – where is the JavaScript code that uses/executes those plugins.  ANSWER:   * All plugins used in this project are loaded in the head element of the index.html file. Some use downloaded .js and .css files (mentioned in the plugin description), others are sourced from the web. The plugins are used in the view.js file. Every section uses at least one plugin and the plugin is called from the method of that section in the view. * **Data Tables**: <https://datatables.net>. This plugin is used to display Coop and Employment tables of the website. The plugin makes it easy to display large amounts of content onto a Table structure. The plugin use can be found in renderEmploment() and renderCoop() method. Calling the plugin by executing the .DataTable() method on a element that is the Data Table ($(`#myTableEmployment`).DataTable(); 304 line of code in the view). This plugin sources its .js file from the web * .**Popup lightbox**: <https://www.jqueryscript.net/lightbox/slider-popup-lightbox.html> is a plugin that displays a set of pictures along with its description. In this Website, it is used to diyplay Faculty members section. This plugin requires local download of .js and .css files that I have put in the project and linked them with my index.html file. Plugin can be found in the view file, specifically in renderFaculty() method where it is used to display faculty members and their information.($peopleFacultyDiv.popupLightbox({ width: 600, height: 600 }); 114 line of code in the view) * **Flip:** [**http://nnattawat.github.io/flip/**](http://nnattawat.github.io/flip/)is the third plugin. It is used to display graduate and under graduate programs of the website. Its .js file is sourced from the web (link found in the head of the index.html file). It is called in the renderGraduate() and renderUnderGraduate() methods of the view file. ($card1.flip(); 158 line of code in the view). Its flip() method is called upon a div element that is becoming the flip plugin. | 10 |  |
| ☐ | Your own jQuery plugin  Where is your plugin? What does it do? Where is this plugin used in your JS code?  ANSWER:  My plugin offers the user to turn the website to Dark mode. It is located in the js folder of the project structure under the name darkThemePlugin.js the .js file is linked in the head of the index page,and called upon at the end of the page ($('#dark-mode OnnOff').darkModeOnnOff(); 87 line of code of index.html)   * The plugin can be found in the navigation bar labeled as “Toggle Dark mode”. You can click the button to turn the website into dark mode. Pressing the button again will revert the website to tits original look and feel | 10 |  |
| ☐ | UI elements dynamically created (search table, modal)  Where is the JS code that dynamically creates and renders your UI elements?  ANSWER: All information of the website is dynamically created and fetched from the links provided above. The code works in a way that the URL is provided in the controller, which calls upon the getData() method of the model that fetches the wanted data with the help of the .php file. Information provided is used and manipulated by the view, which appends the formatted (inserted into a plugin) data to idndex page. | 10 |  |
| ☐ | Professional looking UI – following all the good web design principles.  If you use a template, write down the URL of the source where you downloaded the template from. Is HTML & CSS yours (web page look and feel)?  ANSWER: The website is not that professional looking. There is a hero page and a working navigation bar but not all elements are following the standard professional looking UI. The website is responsive (works on mobile phones). All html and css are created by me and no tempates were used | 10 |  |
| ☐ | Comments in the code clearly explain functionality (JSDoc format used: <https://jsdoc.app>)  Is all your JS source code commented?  ANSWER: all code is well commented using the JSDoc format | 10 |  |
| **TOTAL:** | | **100** |  |
| **COMMENTS:** | | | |