NAME Mate Ujcic Project 2 – Rubrics

ISTE340 Client Programming

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| **✔** | **Tasks** | **Points** | **Score** |
| ☐ | All the available content of the IST Department is retrieved and incorporated into the new website.  I used the script that was provided in the starter file and the proxy to connect to the server and use the getData method to fetch the needed data. Every time I called the getData method I iterated through all the items and saved the required data into a variable which holds HTML. This variable I appended to the target div and if needed I added an event listener and toggled the modal.  Found in: **App.js at line 1 - 484** | 30 |  |
| ☐ | At least 3 jQuery plugins (maps not counted).  The plugins’ links:  <https://datatables.net>  <https://gasparesganga.com/labs/jquery-loading-overlay/>  <https://www.jqueryscript.net/slider/carousel-blurred-background-product.html>  I used the first plugin to display tables. This plugin adds more functionality to tables, you can search for a value, scroll through the tables (the plugin also splits the table, so it fits on the screen better). I called the plugin’s function after the table is rendered by using the function that was provided with the plugin. Found in **App.js at line 714**  The second plugin is used for rendering the loading overlay screen. Since the content needs some time to load, I implemented this plugin. This plugin puts an overlay as soon as the user enters the page, and it displays an animation which disappears after all the content is loaded.  Found in **App.js at line 3**  The third plugin I used for displaying a few images about RIT in carousel form. Found in index.html at line 256 and in **App.js at line 317.** | 10 |  |
| ☐ | Using a map to show where IST students work.  I selected the iframe and added needed attributes to it. The src attribute contains the API link which is responsible for displaying the map. The map variable is appended to the map iframe.  **Found in App.js at line 477** | 10 |  |
| ☐ | UI elements dynamically created (search table, modal)  All the API data is being pulled from the API and injected into HTML dynamically. For example, in **App.js at line 31** can be seen how the data is pulled from the API and specific information is incorporated in the HTML which is then appended. When the appended items are clicked, a modal is toggled and more information is dynamically displayed. The modals are loaded to the body when the page loads (in App.js at line 481), and then they are toggled using a render function which accepts an array in the parameter. This parameter holds the data that needs to be displayed | 10 |  |
| ☐ | Form validation & sanitization implemented  The form gives feedback to the user whether the information that was imputed is correct when the user clicks off the input field (the bootstrap is-valid and is-invalid classes are used). When the user fills out the form with correct info, they can submit the form with the submit button. If the “submit” is successful, the user info is printed in the console and saved into the local storage.  Found in **App.js at line 944**  The individual user input validation can be found beneath the method on line 935 | 10 |  |
| ☐ | Professional looking UI – following all the good web design principles.  Bootstrap and UI kit (extra) were used to achieve a good we design. The design is simple and straight-forward, so the user knows where to find the thing they are looking for. All the appropriate design patterns were followed.  Template used: https://bootstrapmade.com/techie-free-skin-bootstrap-3/ | 10 |  |
| ☐ | Comments in the code clearly explain functionality (JSDoc format used: https://jsdoc.app) | 10 |  |
| **SUBTOTAL:** | | **90** |  |
| *EXTRAS: An excellent project (grade A) will have all of the requirements above PLUS something extra such as those listed below. The extra features (whether they are listed below or not) need to be discussed and approved by your instructor in order for you to proceed with the implementation. You cannot get more than 10 points for this rubric.* | | | |
| ☐ | As extra I used UI Kit framework. For example, I used UI Kit elements like UI Kit cards (found at **App.js at line 178**), UI Kit tables (found at **App.js at line 686**), UI Kit buttons (found at **index.html at line 399**),UI Kit animations (found at **App.js at line 347**, onscroll animations for cards can be found in **App.js at line 325** => this animation can be seen only when scrolling down after refreshing the page), UI Kit shadow for different elements… |  |  |
| ☐ | TODO: Explain what you did here, and if applicable, where to find this feature in your code. |  |  |
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| EXTRAS TOTAL: | | 10 |  |
| TOTAL: | | 100 |  |
| **COMMENTS:** | | | |