NAME \_\_\_\_Wisdom Anthony\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Project 2 – Rubrics

ISTE340 Client Programming

|  |  |  |  |
| --- | --- | --- | --- |
| **✔** | **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:   * <https://people.rit.edu/~dsbics/proxy/https://ischool.gccis.rit.edu/api/about> * <https://people.rit.edu/~dsbics/proxy/https://ischool.gccis.rit.edu/api/degrees/> * <https://people.rit.edu/~dsbics/proxy/https://ischool.gccis.rit.edu/api/employment/employmentTable> * <https://people.rit.edu/~dsbics/proxy/https://ischool.gccis.rit.edu/api/employment/coopTable/coopInformation> * <https://people.rit.edu/~dsbics/proxy/https://ischool.gccis.rit.edu/api/people/faculty> * <https://people.rit.edu/~dsbics/proxy/https://ischool.gccis.rit.edu/api/news>   . | 50 |  |
|  | React UI components are interactive (except About). List all UI components that you made interactive and explain how you implemented that part:  ANSWER:   * .<Degree/> Component: This section was implemented using material ui cards, tabs and box components, This tab has two menu sections; Graduate and Undergraduate Degree Section. Each section has a degree title and a short description, which is then followed by an interative card component representing each concentration(concentration name is on the card). When the card is clicked, a box renders in the middle of the screen and displays the concentration details. * <Mynav /> Component: This component was made using materialUI AppBar component. Use a hamburger menu which is sticky on the top and opens a side navigation bar which has links to the various sections on the page. * <Employment/> Component : This component was made using the material Table,TableBody,TableCell,TableContainer,TableHead,TableRow and paper Components. This components reads the data from the Employment api into a table and it also reads the employment coopInformation in a materialUI table. * <Faculty /> Component: This component is made using materialUI card and box component. This component displays the faculty members in a card component with contains their name and their image in a round frame. When the card is clicked, the a box is rendered in the middle of the screen with the faculty member information. The modal component does the rending of the concentration details . Css was used to make the image round.This section also contains a filter which renders the faculty member based on the letter selected from A-Z. A function name renderfilterOptions() was created to implement this. The filteredMembers are also stored in an array and it can be found being initialized in the constructor. * <MyFooter /> Component: Rendered Material UI links and Grid. Used grid to separated the social section and copyright section, all links are working as well. * <News /> Component: Implemented by the professor using accordion.   . | 20 |  |
| ☐ | At least 3 external UI components used.  Write down the sources where you downloaded the components fro­­­m. Also, explain how the components are used and where to find them in your project – where is the code that uses/executes those components.  ANSWER:   * .1.Material UI Tabs Component: * Source: <https://mui.com/material-ui/react-tabs/> * In Project and usage: It is used in the Degree Component, It is used to separate the information into graduate and undergraduate degree sections. It is implement in the render method for the Degree component and it count be found as <Tabs> or <Tab> inside the <Box> Component * 2. Material UI Card Component: * Source: https://mui.com/material-ui/react-card/ * In Project and usage: It is used to display info on each degree concentration, when the card is clicked a modal with more information is display. The cards are rendered in the renderDegrees method in Degree.js(Degree component). This method maps over the degree.concentrations array and return a card component for each concentration * . 3. Material UI Modal Component: * Sourcehttps: //mui.com/material-ui/react-modal/ * In Project and usage: This component is used to display detailed information on the concentration selected. It is implemented in the renderConcentrationDetails method in the Degree.js(Degree component. It checks to see if a concentration has been selected and if yes, it renders a modal with the details for that concentration. | 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: NO | 10 |  |
| ☐ | Comments in the code clearly explains the functionality (JSDoc format used: <https://jsdoc.app>)  Is all your JS source code commented?  ANSWER:Yes | 10 |  |
| **TOTAL:** | | **100** |  |
| **COMMENTS:** | | | |