College of Engineering, Construction & Living Sciences

Bachelor of Information Technology

ID607001: Introductory Application Development Concepts

Project 2: React CRUD Assessment Rubric

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **10-9** | **8-7** | **6-5** | **4-0** |
| **Functionality** | Application demonstrates comprehensive & robust evidence on the following:   * Requesting REST API data using Axios. * View REST API data. * Update & delete REST API data. * Incorrectly formatted form fields are handled. * Paginate REST API data. * UI designed with Reactstrap. * Deployed to Heroku. | Application demonstrates clear & detailed evidence on the following:   * Requesting REST API data using Axios. * View REST API data. * Update & delete REST API data. * Incorrectly formatted form fields are handled. * Paginate REST API data. * UI designed with Reactstrap. * Deployed to Heroku. | Application demonstrates evidence on the following:   * Requesting REST API data using Axios. * View REST API data. * Update & delete REST API data. * Incorrectly formatted form fields are handled. * Paginate REST API data. * UI designed with Reactstrap. * Deployed to Heroku. | Application demonstrates does not, or does not fully demonstrate evidence on the following:   * Requesting REST API data using Axios. * View REST API data. * Update & delete REST API data. * Incorrectly formatted form fields are handled. * Paginate REST API data. * UI designed with Reactstrap. * Deployed to Heroku. |
| **Code Elegance** | Application thoroughly demonstrates code elegance on the following:   * Intermediate variables, idiomatic control flow, data structures & inbuilt functions, & sufficient modularity. * Functions & variables are named appropriately. * Components are written as functional. * Adheres to a client-server architecture. * File header & in-line comments. * Formatted code using Prettier. * Prettier installed as dev dependencies. * No dead or unused code. | Application clearly demonstrates code elegance on the following:   * Intermediate variables, idiomatic control flow, data structures & inbuilt functions, & sufficient modularity. * Functions & variables are named appropriately. * Components are written as functional. * Adheres to a client-server architecture. * File header & in-line comments. * Formatted code using Prettier. * Prettier installed as dev dependencies. * No dead or unused code. | Application demonstrates code elegance on the following:   * Intermediate variables, idiomatic control flow, data structures & inbuilt functions, & sufficient modularity. * Functions & variables are named appropriately. * Components are written as functional. * Adheres to a client-server architecture. * File header & in-line comments. * Formatted code using Prettier. * Prettier installed as dev dependencies. * No dead or unused code. | Application does not or does not fully demonstrate code elegance on the following:   * Intermediate variables, idiomatic control flow, data structures & inbuilt functions, & sufficient modularity. * Functions & variables are named appropriately. * Components are written as functional. * Adheres to a client-server architecture. * File header & in-line comments. * Formatted code using Prettier. * Prettier installed as dev dependencies. * No dead or unused code. |

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| **Documentation & Git Usage** | Thorough use of project board & .gitgnore.    README file contains thorough evidence of:   * URL to the application on Heroku. * How to setup the environment for development, run UI tests & deploy the application.     Comprehensive use of Markdown syntax, i.e., headings, bold text & code blocks.    Thorough spelling & grammar correctness.    Git commit messages are comprehensively formatted & reflect the functionality changes in succinct detail. | Clear use of project board & .gitignore.    README file contains clear evidence of:   * URL to the application on Heroku. * How to setup the environment for development, run UI tests & deploy the application.     Substantial use of Markdown syntax, i.e., headings, bold text & code blocks.    Clear spelling & grammar correctness.    Git commit messages are clearly formatted &  reflect the functionality changes in substantial detail. | Use of project board & .gitignore.    README file contains evidence of:   * URL to the application on Heroku. * How to setup the environment for development, run UI tests & deploy the application.     Use of Markdown syntax, i.e., headings, bold text & code blocks.    Spelling & grammar correctness.    Git commit messages are formatted & reflect the functionality changes in detail. | Does not or does not fully demonstrate use of project board & .gitignore.    README file does not or does not fully contain evidence of:   * URL to the application on Heroku. * How to setup the environment for development, run UI tests & deploy the application.     Does not or does not fully demonstrate use of Markdown syntax, i.e., headings, bold text & code blocks.    Does not or does fully demonstrate spelling & grammar correctness.    Git commit messages are not or are not fully formatted & do not or do not reflect the functionality changes. |

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Project 2: React CRUD Marking Cover Sheet

Name:

Date:

Learner ID:

Assessor’s Name:

Assessor’s Signature:

|  |  |  |  |
| --- | --- | --- | --- |
| **Criteria** | **Out Of** | **Weighting** | **Final Result** |
| Functionality | 10 | 40 |  |
| Code Elegance | 10 | 45 |  |
| Documentation & Git Usage | 10 | 15 |  |
| **Final Result** | | | /100 |
| **This assessment is worth 50% of the final mark for the Introductory Application Development Concepts course.** | | | |

**Feedback:**

**Functionality:**

**Code Elegance:**

**Documentation & Git Usage:**