# **Practical: API Testing Research Assessment Rubric**

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| --- | --- | --- | --- | --- |
|  | **10-9** | **8-7** | **6-5** | **4-0** |
| **Functionality** | Applications demonstrate comprehensive & robust evidence on the following:   * API data requested from API resource groups using Axios. * Create, update & delete API data via modal. * Incorrectly formatted form fields are handled using validation error messages. * Data automatically re-rendered after creating, updating and deleting. * API data paginated across several pages. * View API data in a table using an id and a variety of query parameters. * UI styled with Reactstrap. * Application deployed to Heroku. * Components tested using React Testing Library. | Applications demonstrate clear & detailed evidence on the following:   * API data requested from API resource groups using Axios. * Create, update & delete API data via modal. * Incorrectly formatted form fields are handled using validation error messages. * Data automatically re-rendered after creating, updating and deleting. * API data paginated across several pages. * View API data in a table using an id and a variety of query parameters. * UI styled with Reactstrap. * Application deployed to Heroku. * Components tested using React Testing Library. | Applications demonstrate evidence on the following:   * API data requested from API resource groups using Axios. * Create, update & delete API data via modal. * Incorrectly formatted form fields are handled using validation error messages. * Data automatically re-rendered after creating, updating and deleting. * API data paginated across several pages. * View API data in a table using an id and a variety of query parameters. * UI styled with Reactstrap. * Application deployed to Heroku. * Components tested using React Testing Library. | Applications does not, or does not fully demonstrate evidence on the following:   * API data requested from API resource groups using Axios. * Create, update & delete API data via modal. * Incorrectly formatted form fields are handled using validation error messages. * Data automatically re-rendered after creating, updating and deleting. * API data paginated across several pages. * View API data in a table using an id and a variety of query parameters. * UI styled with Reactstrap. * Application deployed to Heroku. * Components tested using React Testing Library. |
| **Code Elegance** | Applications thoroughly demonstrates code elegance on the following:   * Appropriate use of control flow, data structures and in-built functions. * Components written as functional, not class. * Adheres to client-server architecture. * Header & in-line comments explain complex logic. * Formatted code using Prettier & npm script. * No dead or unused code. | Applications clearly demonstrates code elegance on the following:   * Appropriate use of control flow, data structures and in-built functions. * Sufficient code modularity. * Components written as functional, not class. * Adheres to client-server architecture. * Header & in-line comments explain complex logic. * Formatted code using Prettier & npm script. * No dead or unused code. | Applications demonstrates code elegance on the following:   * Appropriate use of control flow, data structures and in-built functions. * Sufficient code modularity. * Components written as functional, not class. * Adheres to client-server architecture. * Header & in-line comments explain complex logic. * Formatted code using Prettier & npm script. * No dead or unused code. | Applications does not or does not fully demonstrate code elegance on the following:   * Appropriate use of control flow, data structures and in-built functions. * Sufficient code modularity. * Components written as functional, not class. * Adheres to client-server architecture. * Header & in-line comments explain complex logic. * Formatted code using Prettier & npm script. * No dead or unused code. |
| **Documentation & Git Usage** | README file contains thoroughly evidence of:   * URL to application on Heroku. * How to setup the environment for development & deploy the application.   Git branches thoroughly named with convention & contain the correct code relating to the functional requirement.  Git commit messages comprehensively formatted & reflect the functionality changes in succinct detail. | README file contains clear evidence of:   * URL to application on Heroku. * How to setup the environment for development & deploy the application.   Git branches mostly named with convention & contain the correct code relating to the functional requirement.  Git commit messages clearly formatted & reflect the functionality changes in substantial detail. | README file contains evidence of:   * URL to application on Heroku. * How to setup the environment for development & deploy the application.   Some git branches named with convention & contain the correct code relating to the functional requirement.  Git commit messages formatted & reflect the functionality changes in detail. | README file does not or does not fully contain evidence of:   * URL to application on Heroku. * How to setup the environment for development & deploy the application.   Git branches are not or are not fully named with convention & do not or do not fully contain the correct code relating to the functional requirement.  Git commit messages are not or are not fully formatted & do not or do not reflect the functionality changes. |

# **Project 2: React CRUD App 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: