# **ID607001: Introductory Application Development Concepts**

# **Project 1: Node.js REST API Marking Rubric**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **10-9** | **8-7** | **6-5** | **4-0** |
| **Functionality** | The RESTful API contains comprehensive and robust evidence on the following functionality: REST API and NPM Scripts. | The RESTful API contains clear and detailed evidence on the following functionality: REST API and NPM Scripts. | The RESTful API contains evidence on the following functionality: REST API and NPM Scripts. | The RESTful API does not or does not fully contain evidence on the following functionality: REST API and NPM Scripts. |
| **Code Elegance** | The RESTful API demonstrates comprehensive evidence on the following:   * Environment variables’ key is stored in the env.example file. * Database configured for the development environment. * Appropriate variable, function and resource group names. * Idiomatic use of control flow, data structures and in-built functions. * Efficient algorithmic approach. * Sufficient modularity. * Commenting and formatting. * ESLint and Prettier are installed as development dependencies. * No dead or unused code. | The RESTful API demonstrates clear evidence on the following:   * Environment variables’ key is stored in the env.example file. * Database configured for the development environment. * Appropriate variable, function and resource group names. * Idiomatic use of control flow, data structures and in-built functions. * Efficient algorithmic approach. * Sufficient modularity. * Commenting and formatting. * ESLint and Prettier are installed as development dependencies. * No dead or unused code. | The RESTful API demonstrates evidence on the following:   * Environment variables’ key is stored in the env.example file. * Database configured for the development environment. * Appropriate variable, function and resource group names. * Idiomatic use of control flow, data structures and in-built functions. * Efficient algorithmic approach. * Sufficient modularity. * Commenting and formatting. * ESLint and Prettier are installed as development dependencies. * No dead or unused code. | The RESTful API does not or does not fully demonstrate evidence on the following:   * Environment variables’ key is stored in the env.example file. * Database configured for the development environment. * Appropriate variable, function and resource group names. * Idiomatic use of control flow, data structures and in-built functions. * Efficient algorithmic approach. * Sufficient modularity. * Commenting and formatting. * ESLint and Prettier are installed as development dependencies. * No dead or unused code. |
| **Documentation & Git Usage** | README file contains comprehensive evidence on the following:   * Setup the development environment. * Open Prisma Studio. * Create a migration. * Lint and fix code. * Format code. * Use of Markdown. * Spelling and grammar correctness.   Git commit messages comprehensively formatted and reflect the changes in concise detail. | README file contains clear evidence of:   * Setup the development environment. * Open Prisma Studio. * Create a migration. * Lint and fix code. * Format code. * Use of Markdown. * Spelling and grammar correctness.   Git commit messages clearly formatted and reflect the changes in substantial detail. | README file contains evidence of:   * Setup the development environment. * Open Prisma Studio. * Create a migration. * Lint and fix code. * Format code. * Use of Markdown. * Spelling and grammar correctness.   Git commit messages formatted and reflect the changes in detail. | README file does not or does not fully contain evidence of:   * Setup the development environment. * Open Prisma Studio. * Create a migration. * Lint and fix code. * Format code. * Use of Markdown. * Spelling and grammar correctness.   Git commit messages are not or are not fully formatted and do not or do not fully reflect the 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 30% of the final mark for the Introductory Application Development Concepts course.** | | | |

**Feedback:**

**Functionality:**

**Code Elegance:**

**Documentation & Git Usage:**