

## ID608001: Intermediate Application Development Concepts

### Assessment 1: Node.js RESTful API - Open Trivia DB Marking Rubric

|               | 10-9  | 8-7   | 6-5   | 4-0   |
|---------------|---|---|---|---|
| Functionality | The RESTful API contains comprehensive and robust evidence on the following functionality: User, Quiz, HTTP, Testing, Deployment and NPM Scripts.   | The RESTful API contains clear and detailed evidence on the following functionality: User, Quiz, HTTP, Testing, Deployment and NPM Scripts.   | The RESTful API contains evidence on the following functionality: User, Quiz, HTTP, Testing, Deployment and NPM Scripts.  | The RESTful API does not or does not fully contain evidence on the following functionality: User, Quiz, HTTP, Testing, Deployment and NPM Scripts.  |
| Code Elegance | <p>The RESTful API demonstrates comprehensive evidence on the following:</p> <ul style="list-style-type: none"> <li>Environment variables' key is stored in the env.example file.</li> <li>PostgreSQL databases configured.</li> <li>Variables, functions and resource groups are named appropriately.</li> <li>Idiomatic use of control flow, data structures and in-built functions.</li> <li>File header comment for each controller and route file.</li> <li>Code is linted and formatted.</li> <li>Pre-commit hook using Husky.</li> <li>Mocha, Chai, c8, ESLint, Prettier, Husky and Commitizen are installed as development dependencies.</li> </ul> | <p>The RESTful API demonstrates clear evidence on the following:</p> <ul style="list-style-type: none"> <li>Environment variables' key is stored in the env.example file.</li> <li>PostgreSQL databases configured.</li> <li>Variables, functions and resource groups are named appropriately.</li> <li>Idiomatic use of control flow, data structures and in-built functions.</li> <li>File header comment for each controller and route file.</li> <li>Code is linted and formatted.</li> <li>Pre-commit hook using Husky.</li> <li>Mocha, Chai, c8, ESLint, Prettier, Husky and Commitizen are installed as development dependencies.</li> </ul> | <p>The RESTful API demonstrates evidence on the following:</p> <ul style="list-style-type: none"> <li>Environment variables' key is stored in the env.example file.</li> <li>PostgreSQL databases configured.</li> <li>Variables, functions and resource groups are named appropriately.</li> <li>Idiomatic use of control flow, data structures and in-built functions.</li> <li>File header comment for each controller and route file.</li> <li>Code is linted and formatted.</li> <li>Pre-commit hook using Husky.</li> <li>Mocha, Chai, c8, ESLint, Prettier, Husky and Commitizen are installed as development dependencies.</li> </ul> | <p>The RESTful API does not or does not fully demonstrate evidence on the following:</p> <ul style="list-style-type: none"> <li>Environment variables' key is stored in the env.example file.</li> <li>PostgreSQL databases configured.</li> <li>Variables, functions and resource groups are named appropriately.</li> <li>Idiomatic use of control flow, data structures and in-built functions.</li> <li>File header comment for each controller and route file.</li> <li>Code is linted and formatted.</li> <li>Pre-commit hook using Husky.</li> <li>Mocha, Chai, c8, ESLint, Prettier, Husky and Commitizen are installed as development dependencies.</li> </ul> |

| Documentation & Git Usage | Comprehensive use of project board on GitHub.  | Clear use of project board on GitHub.  | Use of project board on GitHub.  | Does not or does not full demonstrate use of project board on GitHub.   |
|---------------------------|--|--|--|---|
|                           | <p>README file contains comprehensive evidence on the following:</p> <ul style="list-style-type: none"> <li>• An ERD of your Prisma schema.</li> <li>• Deployment to Heroku.</li> <li>• Setup the development environment.</li> <li>• Open Prisma Studio.</li> <li>• Create a migration.</li> <li>• Lint and fix code.</li> <li>• Format code.</li> <li>• Run API/integration tests.</li> <li>• Code coverage and output the results to HTML.</li> <li>• Use of Markdown.</li> <li>• Spelling and grammar correctness.</li> </ul> <p>Git commit messages comprehensively formatted using Commitizen and reflect the changes in concise detail.</p> | <p>README file contains clear evidence of:</p> <ul style="list-style-type: none"> <li>• An ERD of your Prisma schema.</li> <li>• Deployment to Heroku.</li> <li>• Setup the development environment.</li> <li>• Open Prisma Studio.</li> <li>• Create a migration.</li> <li>• Lint and fix code.</li> <li>• Format code.</li> <li>• Run API/integration tests.</li> <li>• Code coverage and output the results to HTML.</li> <li>• Use of Markdown.</li> <li>• Spelling and grammar correctness.</li> </ul> <p>Git commit messages clearly formatted using Commitizen and reflect the changes in substantial detail.</p> | <p>README file contains evidence of:</p> <ul style="list-style-type: none"> <li>• An ERD of your Prisma schema.</li> <li>• Deployment to Heroku.</li> <li>• Setup the development environment.</li> <li>• Open Prisma Studio.</li> <li>• Create a migration.</li> <li>• Lint and fix code.</li> <li>• Format code.</li> <li>• Run API/integration tests.</li> <li>• Code coverage and output the results to HTML.</li> <li>• Use of Markdown.</li> <li>• Spelling and grammar correctness.</li> </ul> <p>Git commit messages formatted using Commitizen and reflect the changes in detail.</p> | <p>README file does not or does not fully contain evidence of:</p> <ul style="list-style-type: none"> <li>• An ERD of your Prisma schema.</li> <li>• Deployment to Heroku.</li> <li>• Setup the development environment.</li> <li>• Open Prisma Studio.</li> <li>• Create a migration.</li> <li>• Lint and fix code.</li> <li>• Format code.</li> <li>• Run API/integration tests.</li> <li>• Code coverage and output the results to HTML.</li> <li>• Use of Markdown.</li> <li>• Spelling and grammar correctness.</li> </ul> <p>Git commit messages are not or are not fully formatted using Commitizen and reflect the changes.</p> |

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### Assessment 1: Node.js RESTful API - Open Trivia Marking Cover Sheet

Name:

Date:

Learner ID:

Assessor's Name:

Assessor's Signature:

| Criteria   | Out Of | Weighting | Final Result |
|--|--------|-----------|--------------|
| Functionality  | 10     | 50        |              |
| Code Elegance  | 10     | 35        |              |
| Documentation & Git Usage  | 10     | 15        |              |
| Final Result   |        |           | /100         |
| This assessment is worth 45% of the final mark for the Intermediate Application Development Concepts course. |        |           |              |

**Feedback:**

**Functionality:**

**Code Elegance:**

**Documentation & Git Usage:**