

## ID607001: Introductory Application Development Concepts

### Practical: Node.js REST API Testing Marking Rubric

	10-9	8-7	6-5	4-0
Functionality	Suite of API tests contain comprehensive and robust evidence on the following functionality: Testing and NPM Scripts.	Suite of API tests contain clear and detailed evidence on the following functionality: Testing and NPM Scripts.	Suite of API tests contain evidence on the following functionality: Testing and NPM Scripts.	Suite of tests do not or do not fully contain evidence on the following functionality: Testing and NPM Scripts.
Code Elegance	Suite of API tests demonstrate comprehensive evidence on the following: <ul style="list-style-type: none"> <li>• Environment variables' key is stored in the env.example file.</li> <li>• Database configured for the testing environment.</li> <li>• Appropriate variable and names.</li> <li>• Idiomatic use of control flow, data structures and in-built functions.</li> <li>• Efficient algorithmic approach.</li> <li>• Sufficient modularity.</li> <li>• Commenting and formatting.</li> <li>• Mocha, Chai and Prettier are installed as development dependencies.</li> <li>• No dead or unused code.</li> </ul>	Suite of API tests demonstrate clear evidence on the following: <ul style="list-style-type: none"> <li>• Environment variables' key is stored in the env.example file.</li> <li>• Database configured for the testing environment.</li> <li>• Appropriate variable and names.</li> <li>• Idiomatic use of control flow, data structures and in-built functions.</li> <li>• Efficient algorithmic approach.</li> <li>• Sufficient modularity.</li> <li>• Commenting and formatting.</li> <li>• Mocha, Chai and Prettier are installed as development dependencies.</li> <li>• No dead or unused code.</li> </ul>	Suite of API tests demonstrate evidence on the following: <ul style="list-style-type: none"> <li>• Environment variables' key is stored in the env.example file.</li> <li>• Database configured for the testing environment.</li> <li>• Appropriate variable and names.</li> <li>• Idiomatic use of control flow, data structures and in-built functions.</li> <li>• Efficient algorithmic approach.</li> <li>• Sufficient modularity.</li> <li>• Commenting and formatting.</li> <li>• Mocha, Chai and Prettier are installed as development dependencies.</li> <li>• No dead or unused code.</li> </ul>	Suite of tests do not or do not fully demonstrate evidence on the following: <ul style="list-style-type: none"> <li>• Environment variables' key is stored in the env.example file.</li> <li>• Database configured for the testing environment.</li> <li>• Appropriate variable and names.</li> <li>• Idiomatic use of control flow, data structures and in-built functions.</li> <li>• Efficient algorithmic approach.</li> <li>• Sufficient modularity.</li> <li>• Commenting and formatting.</li> <li>• Mocha, Chai and Prettier are installed as development dependencies.</li> <li>• No dead or unused code.</li> </ul>

Documentation & Git Usage	<p>README file contains comprehensive evidence on the following:</p> <ul style="list-style-type: none"><li>• Setup the testing environment.</li><li>• Format code.</li><li>• Run API tests.</li><li>• Use of Markdown.</li><li>• Spelling and grammar correctness.</li></ul> <p>Git commit messages comprehensively formatted and reflect the changes in concise detail.</p>	<p>README file contains clear evidence of:</p> <ul style="list-style-type: none"><li>• Setup the testing environment.</li><li>• Format code.</li><li>• Run API tests.</li><li>• Use of Markdown.</li><li>• Spelling and grammar correctness.</li></ul> <p>Git commit messages clearly formatted and reflect the changes in substantial detail.</p>	<p>README file contains evidence of:</p> <ul style="list-style-type: none"><li>• Setup the testing environment.</li><li>• Format code.</li><li>• Run API tests.</li><li>• Use of Markdown.</li><li>• Spelling and grammar correctness.</li></ul> <p>Git commit messages formatted 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>• Setup the testing environment.</li><li>• Format code.</li><li>• Run API tests.</li><li>• Use of Markdown.</li><li>• Spelling and grammar correctness.</li></ul> <p>Git commit messages are not or are not fully formatted and do not or do not fully reflect the changes.</p>

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### Practical: Node.js REST API Testing 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 20% of the final mark for the Introductory Application Development Concepts course.			

#### Feedback:

Functionality:

Code Elegance:

Documentation & Git Usage: