ID607001: Introductory Application Development Concepts

Practical: Node.js REST API Testing Research Assessment Rubric

	10-9	8-7	6-5	4-0
		<u> </u>		
Functionality	API tests demonstrate comprehensive &	API tests demonstrate clear & detailed	API tests demonstrate coverage on the	API tests does not, or does not fully
	robust coverage on the following:	coverage on the following:	following:	demonstrate coverage on the following:
	Written using Mocha & Chai.			
	CRUD (create, read, update &			
	delete) operations.	delete) operations.	delete) operations.	delete) operations.
늉	Authentication.	Authentication.	Authentication.	Authentication.
Ĕ	 Validation rules. 			
교	 Query parameters. 	 Query parameters. 	 Query parameters. 	Query parameters.
	Status codes.	 Status codes. 	 Status codes. 	 Status codes.
	The shape of the data.	 The shape of the data. 	 The shape of the data. 	The shape of the data.
	API tests thoroughly demonstrate code	API tests clearly demonstrate code elegance	API tests demonstrate code elegance on the	API tests do not or do not fully demonstrate
	elegance on the following:	on the following:	following:	code elegance on the following:
	 Intermediate variables, idiomatic 			
	control flow, data structures & in-			
	built functions, & sufficient			
	modularity.	modularity.	modularity.	modularity.
	 Functions & variables are named 			
a	appropriately.	appropriately.	appropriately.	appropriately.
Elegance	File header & in-line JSDoc	 File header & in-line JSDoc 	 File header & in-line JSDoc 	File header & in-line JSDoc
g	comments.	comments.	comments.	comments.
<u> </u>	Test files are stored in the test	 Test files are stored in the test 	 Test files are stored in the test 	Test files are stored in the test
	directory. Each file has the			
g	extension .test.js	extension .test.js	extension .test.js	extension .test.js
Code	 Formatted code using Prettier. 			
	 Script that runs the tests. 			
	Given dependencies are installed	 Given dependencies are installed 	 Given dependencies are installed 	Given dependencies are installed
	as dev dependencies.	as dev dependencies.	as dev dependencies.	as dev dependencies.
	 No dead or unused code. 	 No dead or unused code. 	 No dead or unused code. 	No dead or unused code.
	 Database configured for testing 			
	environment.	environment.	environment.	environment.
	 Environment variables stored and 			
	example.env file is given.			

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	README file contains thorough evidence of	README file contains clear evidence of what	README file contains evidence of what API	README file does not or does not fully
ย	what API testing is & why it is important,	API testing is & why it is important, how to	testing is & why it is important, how to setup	contain evidence of what API testing is &
98	how to setup the environment for testing,	setup the environment for testing, run the	the environment for testing, run the API	why it is important, how to setup the
Usage	run the API tests & format code.	API tests & format code.	tests & format code.	environment for testing, run the API tests &
				format code.
Git	Comprehensive use of Markdown syntax,	Substantial use of Markdown syntax, i.e.,	Use of Markdown syntax, i.e., headings, bold	
જ	i.e., headings, bold text & code blocks.	headings, bold text & code blocks.	text & code blocks.	Does not or does not fully demonstrate use
<u>_</u>				of Markdown syntax, i.e., headings, bold text
tion	Thorough spelling & grammar correctness.	Clear spelling & grammar correctness.	Spelling & grammar correctness.	& code blocks.
ental				
l e	Git commit messages are comprehensively	Git commit messages are clearly formatted &	Git commit messages are formatted & reflect	Does not or does fully demonstrate spelling
ΙĚ	formatted & reflect the functionality changes	reflect the functionality changes in	the functionality changes in detail.	& grammar correctness.
23	in succinct detail.	substantial detail.		
Ď				Git commit messages are not or are not fully
				formatted & do not or do not reflect the
				functionality changes.

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Practical: Node.js REST API Testing Research Marking Cover Sheet

Criteria	Out Of	Weighting	Final Result
Assessor's Signature:			
Assessor's Name:			
Learner ID:			
Date:			
Name:			

Criteria	Out Of	Weighting	Final Result
Functionality	10	60	
Code Elegance	10	30	
Documentation & Git Usage	10	10	
Final Result			/100

This assessment is worth 20% of the final mark for the Introductory Application Development Concepts course.

Feed	

Functionality:

Code Elegance:

Documentation & Git Usage:

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