

Year 9 IST Semester 2 Dynamic Website Development - Marking Criteria (40%)

Name:

Item	Mark	Total
Basic Requirements (50 marks)		
About page content (10 marks)		
<i>0 - Minimal or incorrect information</i> <i>1 - Basic details covered, demonstrating sound understanding</i> <i>2 - Explicit details illustrated with examples, screenshots and practical activities</i>		
• An introduction to the purpose of the website and what API is being used	2	
• Description of endpoints that are available to be used	2	
• Description about the JSON data returned by the endpoints	2	
• Summary of how the endpoints, queries and JSON data is being used	2	
• A guide on the user interface, and how to use the website including any enhanced functionality, such as use of local storage, databases and/or Node.js	2	
Navbar component, homepage and style (10 marks)		
• Correct structure of Vue 3 Composition API	2	
• Correct display and functionality of the links within the navigation bar	2	
• Correct display and functionality of the selected page within the navbar	2	
• Video recording demonstrating use of the API page	2	
• Effective use of CSS to achieve a consistent and aesthetic layout	2	
API component (10 marks)		
• Correct inclusion and setup of HTML elements required for API interaction	2	
• Correct setup to fetch and store required JSON data	2	
• Correct binding in order to display fetched JSON data	2	
• Correct setup and binding of input fields and events (such as click or hover), to enable appropriate user interaction and customisation	2	
• User friendly and intuitive interface	2	
Vue.js / Programming techniques (10 marks)		
• Effective design and competence in utilising one way and two way binding	2	
• Effective design and competence in utilising loop and/or conditional binding	2	
• Effective design and competence in utilising Vue components and the composition API	2	
• Effective design and competence in utilising Vue variables, methods and computed properties	2	
• Effective design and competence in utilising a range of data structures (e.g. arrays and objects) and control structures (i.e. IFs and loops)	2	
Code formatting, structure and quality (10 marks)		
• Code comments - understanding and explaining the purpose of the code	4	
• Code formatting - indentation, whitespace, minor syntax errors	2	
• Folder and file structure - organised and named appropriately	2	
• The website runs flawlessly without any errors or typos	2	
Basic requirements	50	

Comments:

Item	Mark	Total
Quality of website (30 marks)		
Quality criteria		
<ol style="list-style-type: none"> Content is structured, informative, easy to follow and is free of spelling and grammatical errors Range of functionality including navigation, API interaction and user interaction Customisation and complexity of Vue.js code building upon core concepts covered in class Code quality is logical, structured, maintainable and minimises redundant / unnecessary code Design of interface is effective, creative and innovative, producing an insightful and useful solution 		
Unacceptable <ul style="list-style-type: none"> A submission which is plagiarised or does not address the assignment requirements at all. An assignment which uses Comic Sans MS or variants thereof. 	0	
Minimal <ol style="list-style-type: none"> Hard to follow and/or too many spelling and grammatical errors Most aspects of the website don't function as required Limited evidence that core concepts covered in class were mastered Code is very disorganised, lacking comments and/or lacks careful attention to detail. This may produce unexpected bugs or logical flaws Design of interface shows limited planning and foresight, and does not produce a useful solution 	1-7	
Basic <ol style="list-style-type: none"> Some structure and/or some spelling and grammatical errors Some aspects of the website function well but overall this is limited Some evidence that core concepts were mastered, with a little bit of customisation and complexity Code is somewhat organised, with some useful comments, and generally manages syntax and attention to detail well. Generally only minor bugs or flaws occur. Design of interface produces a basic solution, that can achieve generally very simple but somewhat useful outcomes for the user 	8-14	
Enhanced <ol style="list-style-type: none"> Well planned structure and intuitive flow, mostly free of spelling and grammatical errors All or almost all aspects of the website function as required, including a broader range of functions beyond the complexity of the previous assignment Significant and well organised custom code, demonstrating creative and skilled use of Vue.js beyond core concepts covered in class Code is well organised, full of useful comments and manages minor details well, including brackets, semicolons, logic/sequence of code Design of interface produces a neat and highly beneficial solution, including a range of clever and creative features to enhance the user experience 	15-23	
Exceptional <ol style="list-style-type: none"> Excellent structure, comprehensively detailed, completely free of spelling and grammatical errors Outstanding range of functionality, demonstrating extensive and effective independent research into Vue.js and/or other tools and frameworks Elaborate and extensive custom code, demonstrating exceptional skilled use of Vue.js Exceptionally well organised and concise code, completely or almost completely free of bugs or logical flaws Design of interface produces a superb practical and beneficial solution, where every possible need or scenario has been imagined and planned for 	24-30	
Total	80	

Comments: