Highfield Level 4 ST0116 Software Developer

Mock Assessment Materials

Work-based project with questioning

		Work-based project		Questioning	
Ref	**Pass criteria**	**Achieved**	**Not achieved**	**Achieved**	**Not achieved**
WP1	Explains the roles and responsibilities of all people working within the software development lifecycle, and how they relate to the project. (K2)				
WP2	Outlines how teams work effectively to produce software and how to contribute appropriately. (K6)				
WP3	Outlines and applies the rationale and use of algorithms, logic and data structures. (K9, S16)				
WP4	Reviews methods of software design with reference to functional/technical specifications and applies a justified approach to software development. (K11, S11, S12)				
WP5	Creates logical and maintainable code to deliver project outcomes, explaining their choice of approach. (S1)				
WP6	Analyses unit testing results and reviews the outcomes correcting errors. (S4)				
WP7	Identifies and creates test scenarios which satisfy the project specification. (S6)				
WP8	Applies structured techniques to problem solving to identify and resolve issues and debug basic flaws in code. (S7)				
WP9	Reviews and justifies their contribution to building, managing and deploying code into the relevant environment in accordance with the project specification. (S10)				
WP10	Establishes a logical thinking approach to areas of work which require valid reasoning and/or justified decision making. (B2)				

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WP11	Describes how they have maintained a productive, professional and secure working environment throughout the project activity. (B3)				
Ref	**Distinction criteria**	Achieved	Not achieved	Achieved	Not achieved
WP12	*Compare and contrast the requirements of a software development team, and how they would ensure that each member (including themselves) were able to make a contribution. (K6)*				
WP13	*Evaluates the advantages and disadvantages of different coding and programming techniques to create logical and maintainable code. (S1*				
WP14	*Analyses the software to identify and debug complex issues using a fix that provides a permanent solution. (S7)*				
WP15	*Evaluates different software development approaches in order justifying the best alignment with a given paradigm. (for example, object oriented, event driven or procedural) (S11)*				

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