

2) Design, implement, and evaluate a computing-based solution to meet a given set of computing requirements in the context of the program’s discipline.

Criteria	Level of Learning			
	Initial	Emerging	Developed	Excellence
Design of a system, component or program	Does not able to propose the design of a system that meets the requirements	Able to propose the design of a system that meets part of the requirements	Able to design a system that meets the requirements, but it is not a optimum solution	Able to propose the optimum design of a system and meet with all the requirements
Implementation of a system, component or program	The implementation does not meet the proposed requirements	Able to implement the minimum requirements of the system	Able to implement all the requirements	Implements all the requirements and implement functionalities as aggregate value
Evaluation of system, component or program	Does not able to evaluate any aspect of the proposed solution to verify whether meet the requirements	Able to evaluate some aspects of the solution to verify whether meet the requirements	Able to evaluate the solution to verify whether meet with all the requirements	Able to evaluate and modify the system so that meet all the requirements