

PDA: Software Development
Level 8 - Student Evidence Checklist

Full name	Carlos Filipe Ferreira Granha
Cohort	13

The evidence required can be taken from your assignments, homework that you have completed on your own or by creating a specific example for the PDA.

Week 2	Unit	Ref.	Evidence	Done
	I & T	I.T 5	Demonstrate the use of an array in a program. Take screenshots of: <ul style="list-style-type: none"> • An array in a program • A function that uses the array • The result of the function running 	
	I & T	I.T 6	Demonstrate the use of a hash in a program. Take screenshots of: <ul style="list-style-type: none"> • A hash in a program • A function that uses the hash • The result of the function running 	
	I & T		Static and Dynamic testing task A	

Week 3	Unit	Ref.	Evidence	Done
	I & T	I.T 3	Demonstrate searching data in a program. Take screenshots of: <ul style="list-style-type: none"> • Function that searches data • The result of the function running 	
	I & T	I.T 4	Demonstrate sorting data in a program. Take screenshots of: <ul style="list-style-type: none"> • Function that sorts data • The result of the function running 	

Week 5	Unit	Ref.	Evidence	Done
	A & D	A.D 1	A Use Case Diagram	
	A & D	A.D 2	A Class diagram.	
	A & D	A.D 3	An Object diagram.	

	A & D	A.D 4	An Activity Diagram	
	A & D	A.D 6	Produce an Implementations Constraints plan detailing the following factors: <ul style="list-style-type: none"> • Hardware and software platforms • Performance requirements • Persistent storage and transactions • Usability • Budgets • Time 	
	P	P 5	Create a user sitemap.	✓
	P	P 6	Produce two wireframe designs.	✓
	P	P 10	Take a screenshot of an example of pseudocode for a function.	✓
	P	P 13	Show user input being processed according to design requirements. Take a screenshot of: <ul style="list-style-type: none"> • The user inputting something into your program • The user input being saved or used in some way 	✓
	P	P 14	Show an interaction with data persistence. Take a screenshot of: <ul style="list-style-type: none"> • Data being inputted into your program • Confirmation of the data being saved 	✓
	P	P 15	Show the correct output of results and feedback to user. Take a screenshot of: <ul style="list-style-type: none"> • The user requesting information or an action to be performed • The user request being processed correctly and demonstrated in the program 	✓

Week 6	Unit	Ref.	Evidence	Done
	I & T	I.T 7	Demonstrate the use of Polymorphism in a program.	

Week 7	Unit	Ref.	Evidence	Done
	A & D	A.D 5	An Inheritance Diagram	
	I & T	I.T 1	Take a screenshot of an example of encapsulation in a program.	
	I & T	I.T 2	Take a screenshot of the use of Inheritance in a program. Take screenshots of: <ul style="list-style-type: none"> • A Class • A Class that inherits from the previous class • An Object in the inherited class • A Method that uses the information inherited from another class. 	

	P	P 11	Take a screenshot of one of your projects where you have worked alone and attach the Github link.	
	P	P 12	Take screenshots or photos of your planning and the different stages of development to show changes.	

Week 10	Unit	Ref.	Evidence	Done
	P	P 18	Demonstrate testing in your program. Take screenshots of: <ul style="list-style-type: none"> • Example of test code • The test code failing to pass • Example of the test code once errors have been corrected • The test code passing 	

Week 11	Unit	Ref.	Evidence	Done
	I & T		Unit, integration and acceptance testing task B	
	P	P 16	Show an API being used within your program. Take a screenshot of: <ul style="list-style-type: none"> • The code that uses or implements the API • The API being used by the program whilst running 	

Week 13	Unit	Ref.	Evidence	Done
	P	P 1	Take a screenshot of the contributor's page on Github from your group project to show the team you worked with.	
	P	P 2	Take a screenshot of the project brief from your group project.	
	P	P 3	Provide a screenshot of the planning you completed during your group project, e.g. Trello MOSCOW board.	
	P	P 4	Write an acceptance criteria and test plan.	
	P	P 7	Produce two system interaction diagrams (sequence and/or collaboration diagrams).	
	P	P 8	Produce two object diagrams.	
	P	P 9	Select two algorithms you have written (NOT the group project). Take a screenshot of each and write a short statement on why you have chosen to use those algorithms.	
	P	P 17	Produce a bug tracking report	