

Coursework Report – 5COSC019C Object Oriented Programming

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Have you submitted the video with the demonstration of your system?

☒ Yes

☐ No

Phase 1 – Design and classes implementation

Task	Did you attempt the task?	Student's comments (To which extent you implemented the task? Have you encountered any problems or issue?)
Design a UML Use Case Diagram of your system (submitted in a separate file).	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Fully Implemented
Design a UML Class Diagram of your system (submitted in a separate file).	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Fully Implemented
Implementation Class Person	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Fully Implemented
Implementation Class Doctor	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Fully Implemented
Implementation Class Patient	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Fully Implemented
Implementation Class Consultation	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Fully Implemented
Implementation Interface WestminsterSkinConsultationManager	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Fully Implemented

Phase 2 – Console menu implementation

Task	Did you attempt the task?	Student's comments (To which extent you implemented the task? Have you encountered any problems or issue?)
Add a doctor in the system with all the relative information (max 10 doctors)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Fully Implemented
Delete a doctor from the system	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Fully Implemented

selecting the medical licence number. Display a message to confirm he/she has been removed and the total number of doctors in the centres.		
Print on the screen the list the doctors in the centre with all the relative information. The list should be ordered alphabetically.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Fully Implemented
Save in a file entered by the user so far. The user should be able to load back the information running a new instance of the application.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Fully Implemented

Phase 3 – GUI Implementation

Task	Did you attempt the task?	Student's comments (To which extent you implemented the task? Have you encountered any problems or issue?)
Doctor list visualisation. Sorting alphabetically.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Visualization of all the doctors done. Sorting alphabetically part not done.
The user can select a doctor and add a consultation.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Fully Implemented
In the consultation the user can add all the patient details.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Fully Implemented
The user can select the date/time of the consultation considering that a doctor cannot have more than one consultation at the time.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Fully Implemented
The user can enter and save the cost for the consultation. (£25 per hour and only the first one £15).	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	£25 per hour consultation part done. £15 for only the first one not done.
The user can add some notes (text information or images). This information has been encrypted.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Fully Implemented

Phase 4 – Testing and system validation

Task	Did you attempt the	Student's comments (To which extent you implemented the task? Have you encountered
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	task?	any problems or issue?)
Test plan. (Submitted in a separate file).	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Fully Implemented
Implementation of an automated unit test for each scenario in the console menu.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Not Attempted
Error Handling across all the code, input validation and code quality.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Most of the error handling is done. Some not.