UNIVERSITY OF WESTMINSTER

INFORMATICS INSTITUTE OF TECHNOLOGY

Object Oriented Programing – OOP

Test plan

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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).	Yes	Designed UML case Diagram
Design a UML Class Diagram of your system (submitted in a separate file).	Yes	Designed UML class diagram
Implementation Class Person	Yes	Implemented class Person
Implementation Class Doctor	Yes	Implemented class Doctor
Implementation Class Patient	Yes	Implemented class Patient
Implementation Class Consultation	Yes	Implemented class Consultation
Implementation Interface WestminsterSkinConsultationManager	Yes	Implemented Interface WestminsterSkinConsultationManager

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)	Yes	Add 10 doctors successfully
Delete a doctor from the system selecting the medical license number.	Yes	Delete a doctor from the system selecting the medical license number.

Display a message to confirm he/she has been removed and the total number of doctors in the centers.		
Print on the screen the list the doctors in the centre with all the relative information. The list should be ordered alphabetically.	Yes	Print on the screen the list the doctors in the centre with all the relative information. The list should be ordered alphabetically.
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.	Yes	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.

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 visualization. Sorting alphabetically.	yes	Doctor list visualized but not sorting alphabetically.
The user can select a doctor and add a consultation.	yes	The user can select a doctor and add a consultation.
In the consultation the user can add all the patient details.	yes	In the consultation the user can add all the patient details.
The user can select the date/time of the consultation considering that a doctor cannot have more than one	yes	The user can select the date/time of the consultation

consultation at the time.		
The user can enter and save the cost for the consultation. (£25 per hour and only the first one £15).	No	
The user can add some notes (text information or images). This information has been encrypted.	No	

Phase 4 – Testing and system validation

Task	Did you attempt the task?	Student's comments (To which extent you implemented the task? Have you encountered any problems or issue?)
Test plan. (Submitted in a separate file).	yes	Test plan. (Submitted in a separate file).
Implementation of an automated unit test for each scenario in the console menu.	yes	Implementation of an automated unit test for each scenario in the console menu.
Error Handling across all the code, input validation and code quality.	yes	Error Handling across all the code, input validation and code quality.