

OOP_PCOM7E September 2022 Object Oriented Programming

Unit 4: Applying a UML Model to a Program Implementation: UML in Practice

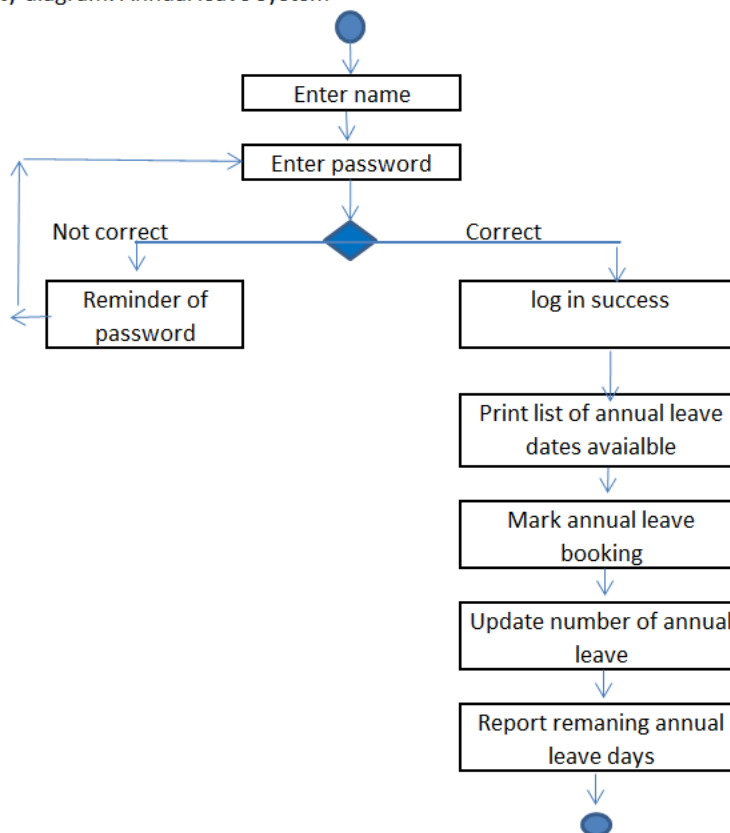
Expand upon the activity diagram with the development of a class diagram using UML to support a system with basic employee-related functionality. This should include the retention of employee details and allowing an employee to book a day of annual leave.

Develop the Python program to implement the class model.

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Activity diagram: Annual leave system



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Unit 4: Applying a UML Model to a Program Implementation:

UML in Practice

Class diagram:Annual leave system

Class: Staff
name: String staff number: String post: string type of employment: String
Enter password: Apply annual leave: Enquire no. of dates:

Class: Password
password: String reminder of password:
Approved password