

Exp: 9

A college has more than thousand security persons, who are instructed to give duties at different places within the campus. Additionally, they also maintain a routine, which contains all information, such as Date, Duty Start Time, Duty End Time, and Place. Most importantly, all the places are covered by at least one security person. If a security person takes leave, manual entry is done against that person. Finally, at the end of a month, the security persons get paid for their duties, while considering the number of leaves as well. You can see that the manual calculation/operation is a heavy task for the security manager. Therefore, the objective is to build an Online security management system using class diagram through which entire security system within the campus can be controlled in an efficient manner

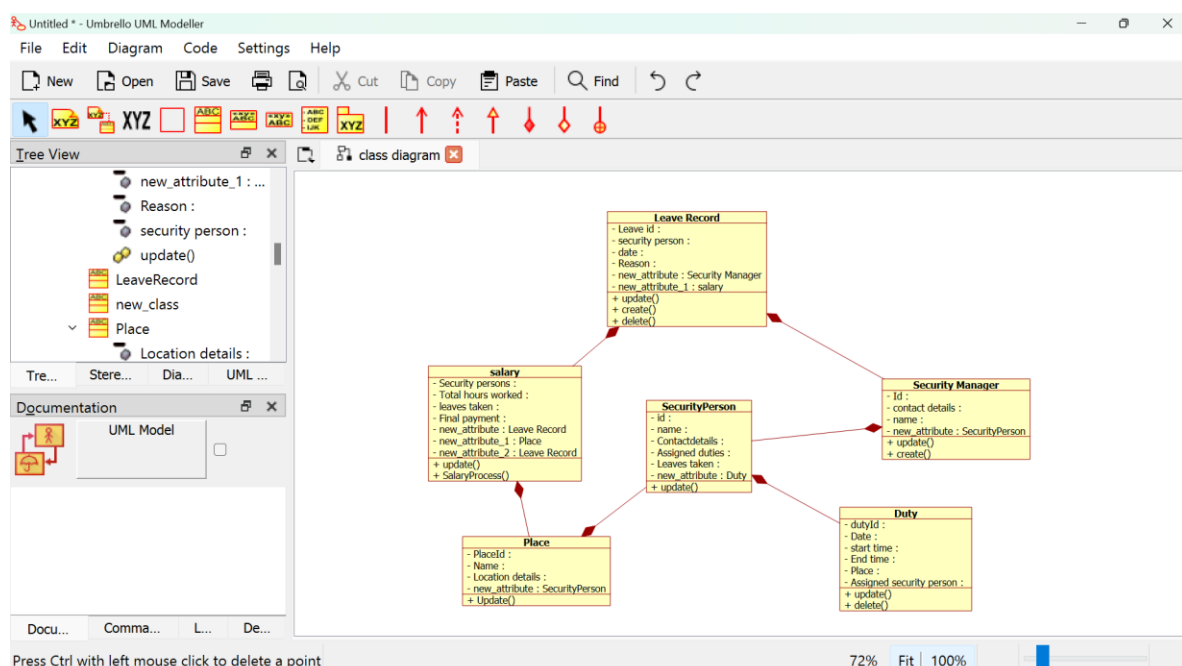
Aim:

To design and develop an Online Security Management System using a Class Diagram to efficiently manage security personnel within the college campus.

Procedure:

1. Open Umbrello & Create Diagram then Select the appropriate UML diagram type.
2. Add Elements and Insert actors, classes, objects, states, or activities as required.
3. Define Relationships with Connect elements using associations, dependencies, or transitions.
4. Label & Arrange Components of Name all elements properly and structure them clearly.
5. Save & Export to Finalize the diagram and export it as an image or PDF for documentation.

Class diagram



Result:

Thus the UML diagrams are successfully created using Umbrello Software.