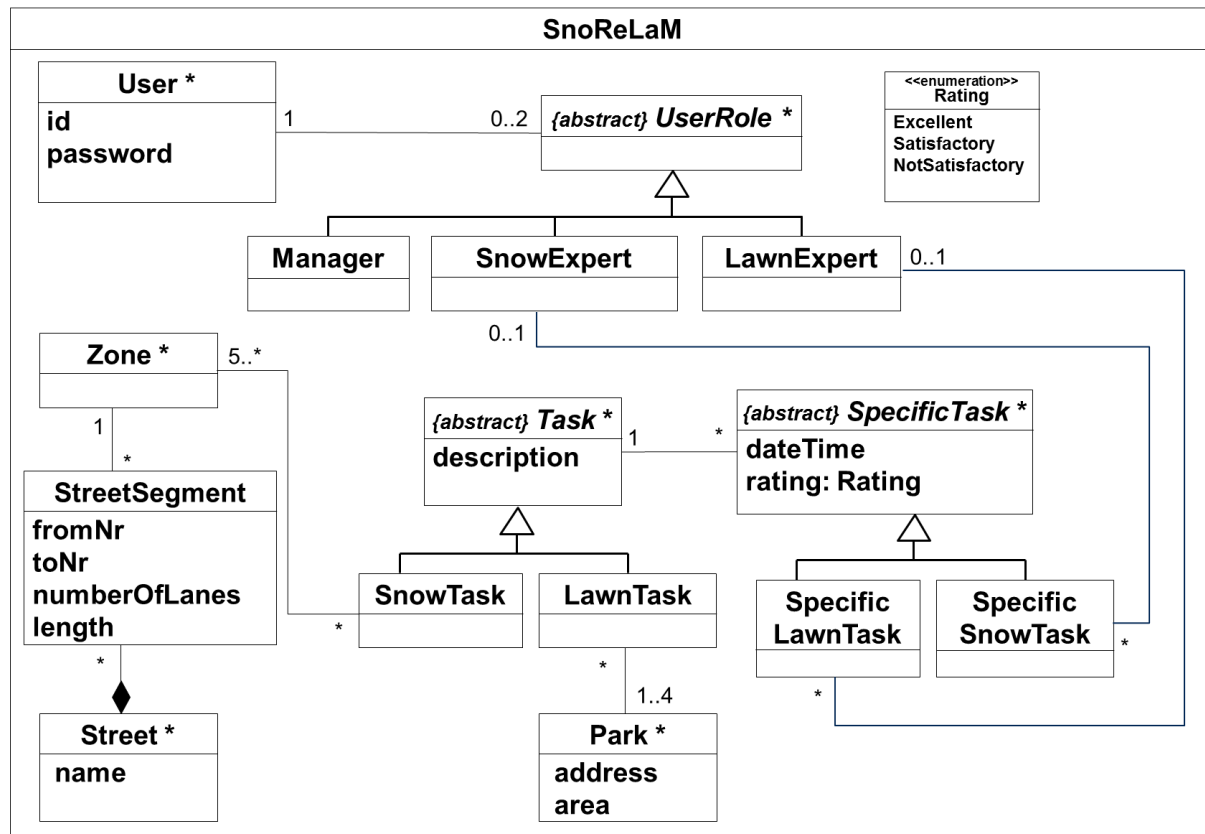


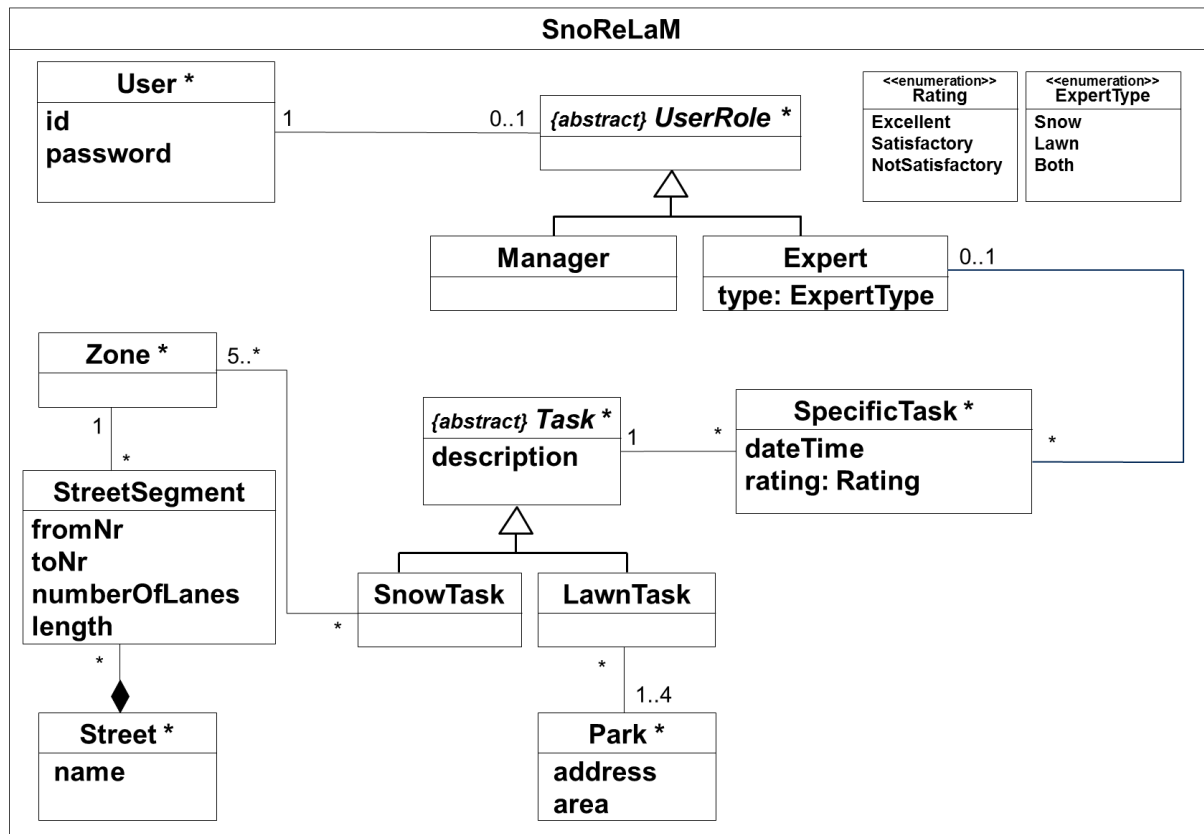
Question (100 marks)

Given the problem description below, describe all mentioned concepts of the proposed Snow Removal and Lawn Mowing (SnoReLaM) System and their relationships using a **class diagram**. You do not need to show (a) operations, (b) types of attributes, and (c) constraints.



A constraint ensures that a User can only be a Manager or an Expert (both types) but not both. A constraint ensures that a SpecificLawnTask is only related to a LawnTask. A constraint ensures that a SpecificSnowTask is only related to a SnowTask.

An alternative solution is:



A constraint ensures that a **SpecificTask** related to a **SnowTask** is only assigned to an **Expert** of type **Snow** or **Both**. A constraint ensures that a **SpecificTask** related to a **LawnTask** is only assigned to an **Expert** of type **Lawn** or **Both**.