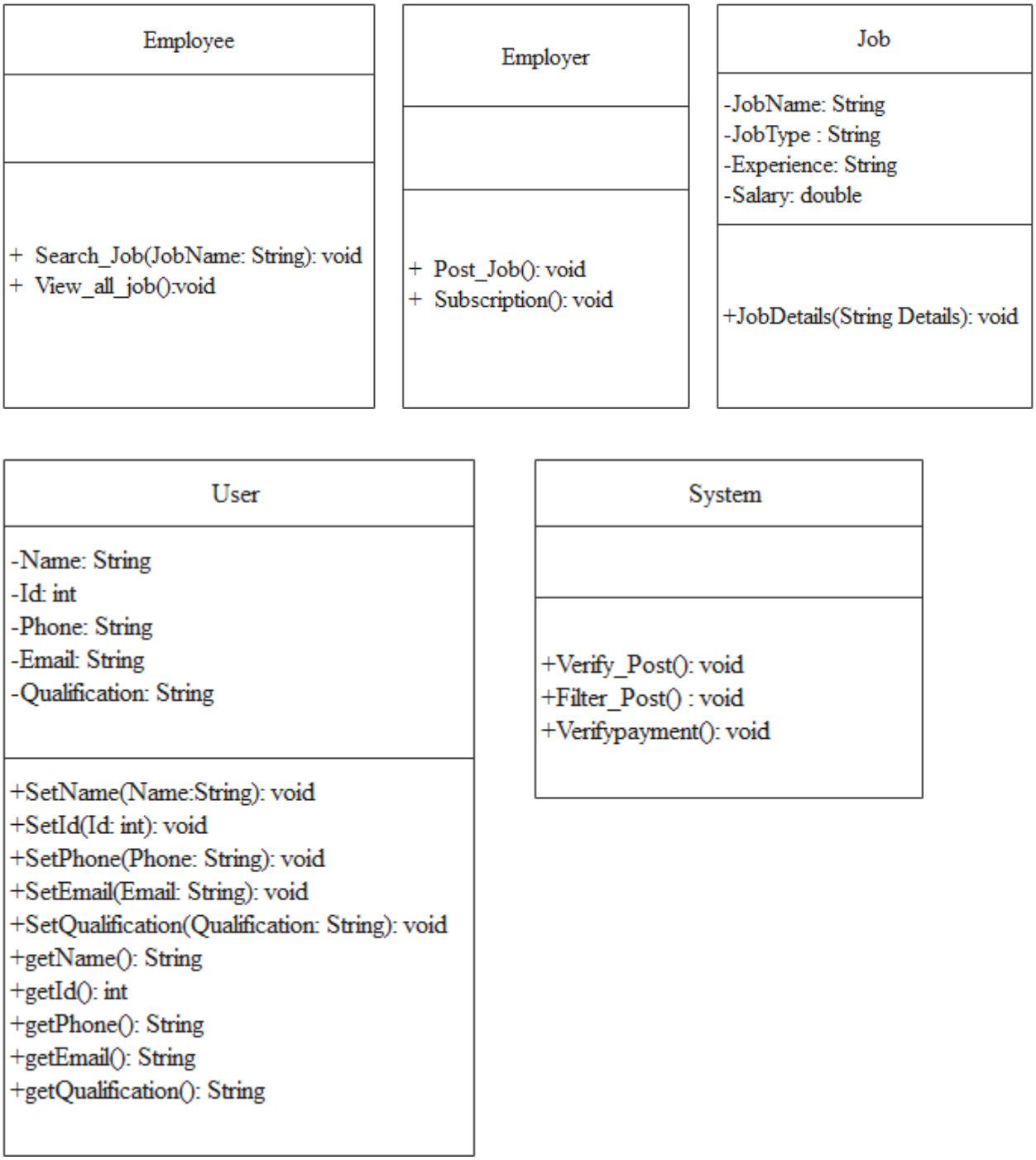
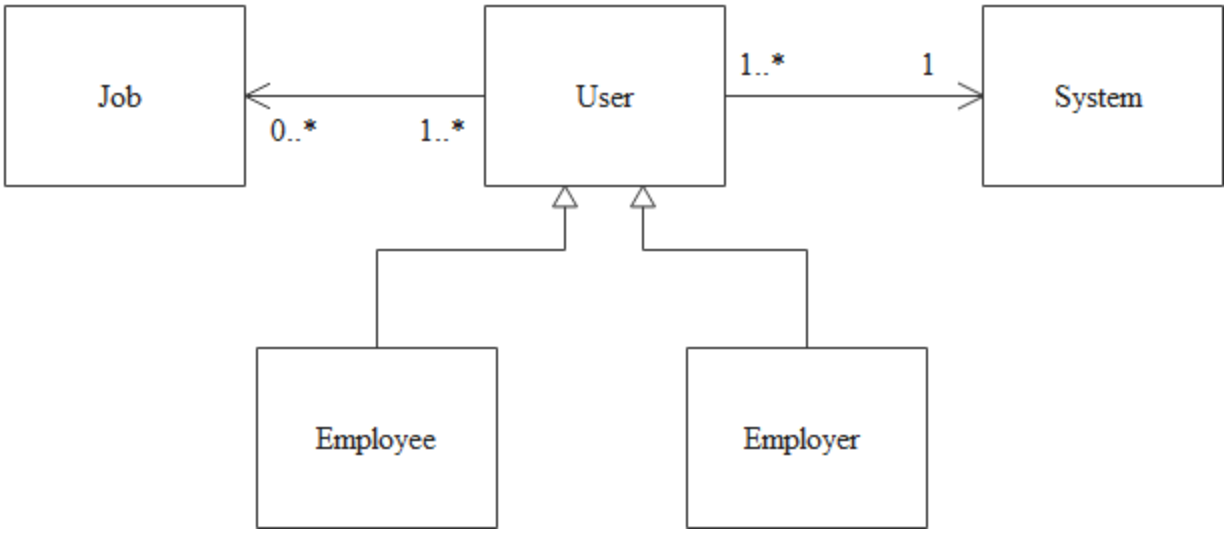
Class Diagram:



ER Relationship Diagram: