**CS255: System Analysis and Design**

**Project Two: System Design Document**

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## UML Diagrams

### UML Use Case Diagram

A diagram of a diagram

Description automatically generated

### UML Activity Diagrams

A diagram of a software

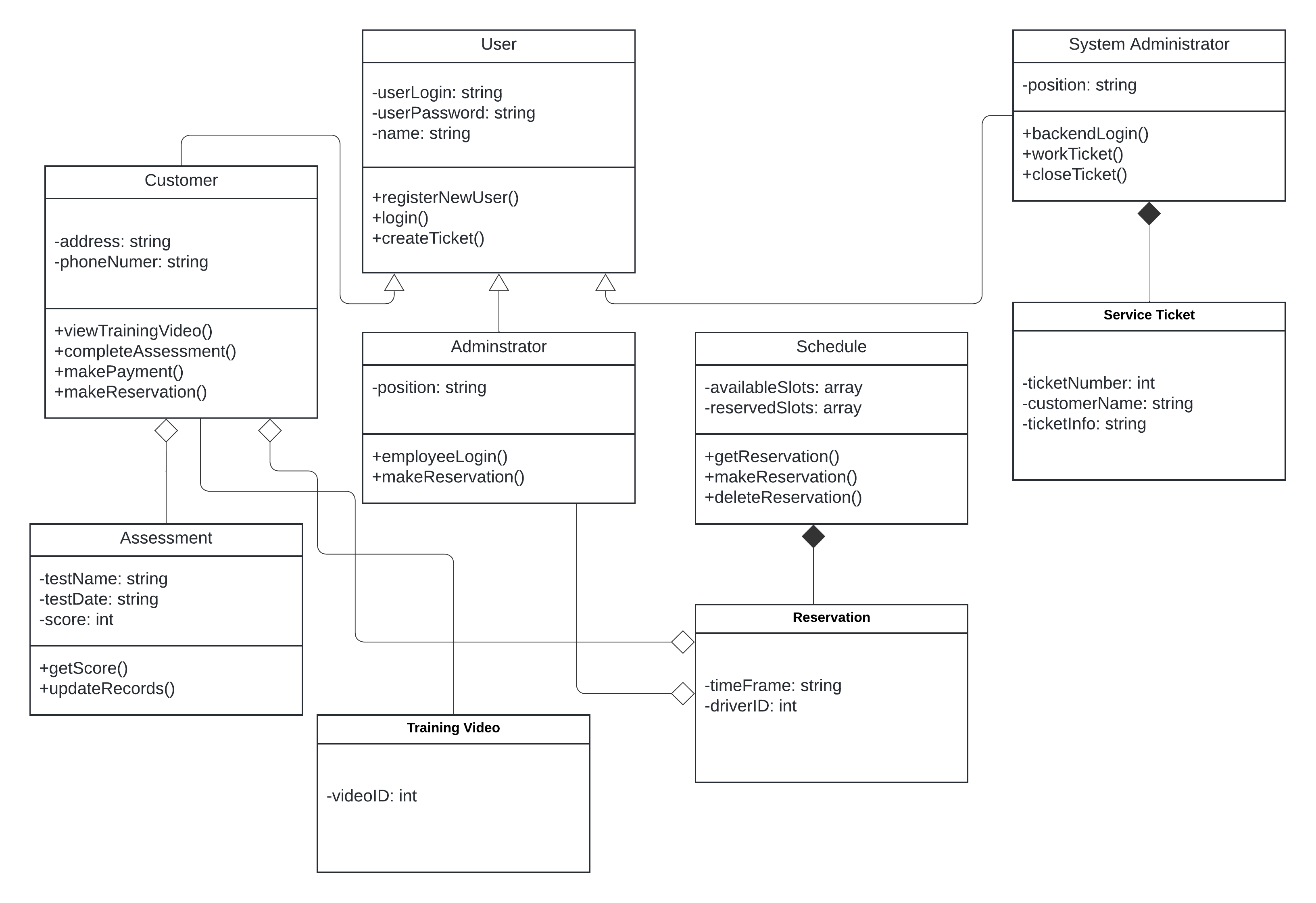
Description automatically generated

### UML Sequence Diagram

A diagram of a process

Description automatically generated

### UML Class Diagram



## Technical Requirements

**Hardware and Infrastructure:**

* Employee workstations
  + Web-enabled PC
  + I/O devices (mouse, keyboard, monitor)
  + Printer
* User database
* Payment collection device
* SMB office hardware
  + Router
  + Switch
  + Firewall
  + Modem

**Software:**

* Web Browser
* Service Ticket software
* Windows OS
* Security software

**Tools:**

* Cloud Connection tools
  + Database manager
  + Payment manager
  + Cloud Security manager
* System Administrator tools
* Billing tools
* Fleet Management tools
* Fleet (cars)

**References**

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