

# Today

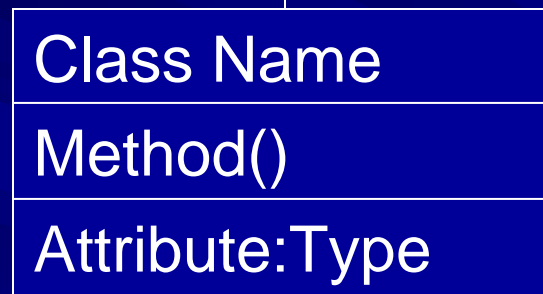
- Signup for Prem
- Assignment 2
- General project questions?
- Discussion
  - CVS

# Assignment 2

- UML – class diagrams
- HTML
- Write-up

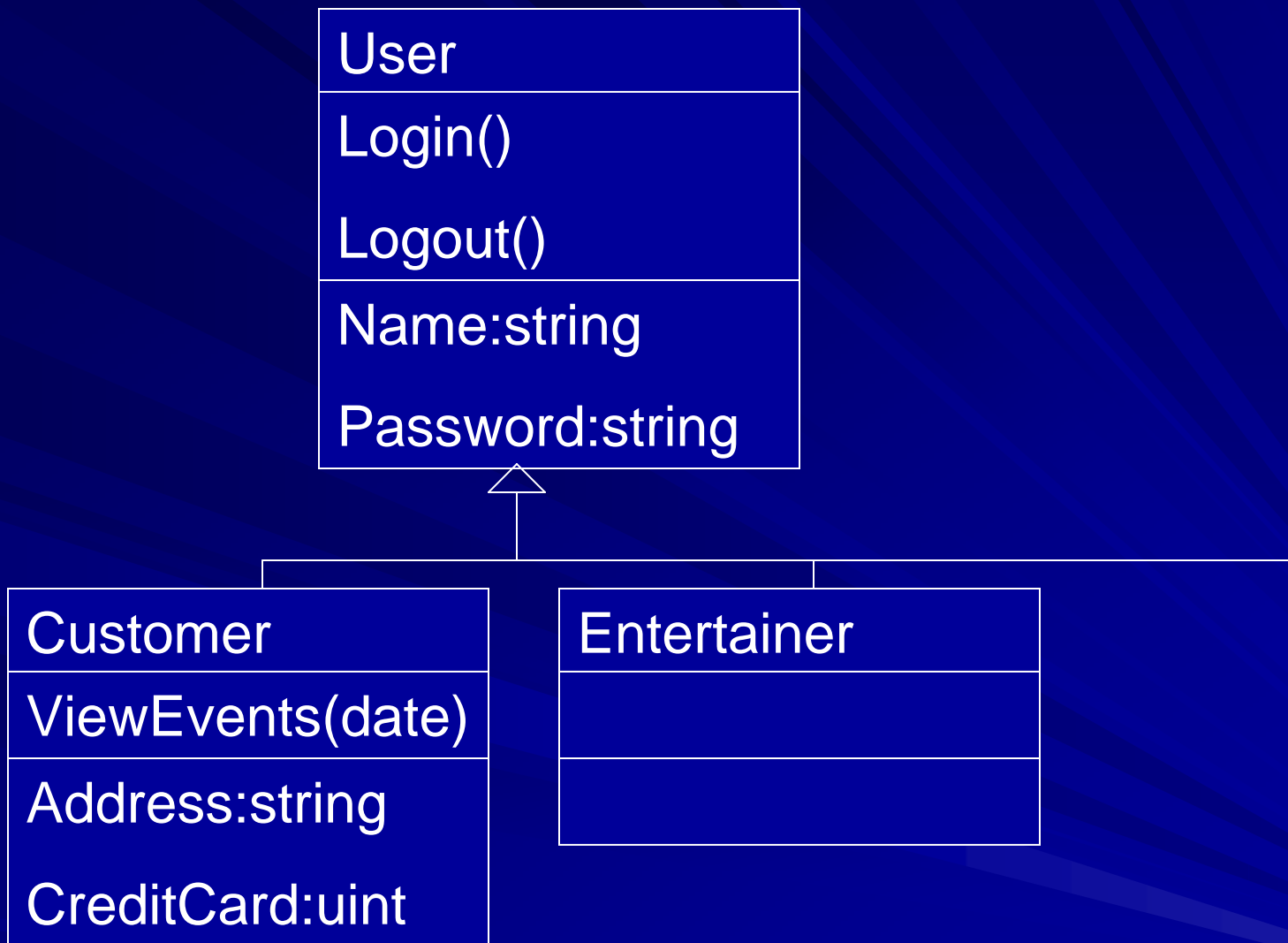
# Class Diagram

Inherits from



References





# Classes and Methods

- Classes for nouns
- Methods for verbes

# Assignment 2

- UML – class diagrams
- HTML
- Write-up

# HTML

- Full design of your projects
- A Prototype
- No Functionality!!!!!!

# HTML

- No JSP
- No Servlets
- No CGI
- No Tomcat
  
- Just HTML and any associated images

# HTML

- Link to error for bad input
- NO FREE INPUT
  - Date
  - Quantity
  - Etc.
- Look at the sample

# Assignment 2

- UML – class diagrams
- HTML
- Write-up

CVS

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ECS 160

# Concurrent Versions System

- Keep track of file history
- Can revert to old version
- Only stores difference (efficient)

# What CVS is not ([cvshome.org](http://cvshome.org))

- A build system
- A substitute for management (modularize)
- A substitute for communication
- Automatic version cutoff

# How to use it

1. Create project and add files
2. Checkout project (get local copy)
3. Make changes locally
4. Commit changes

# Version Numbers

- Every file has its own versions
- Each change gives the file a new version
- Branch to change old version
  - Bug fix
- Set revision number to synchronize versions of multiple files

# Group work

- Every group has its own repository
- cs160-x
- Try to modularize work
- Diff command can help with multiple commits
- Don't want to spend all your time looking at Diff

# GUI

- Graphical User Interface (GUI)
  - Simplifies use
  - Visualize versions and branches
  - Diff is easier to deal with GUI
  - [wincvs.org](http://wincvs.org) has many good examples
  - Eclipse?
  - “Beyond Compare”