publicusers

* StudentDB(Class) - Chase
  + students(Collection of all Students)
  + Student getStudent(String username)
  + void editStudent(Student)
  + void addStudent(Student)
* Public View(Class extends View) - Calvin
  + currentUser(User)
  + void setUser(User)
  + User getUser()
  + void vote()
  + void viewPreferences()
* Student(Class extends User) - Chase
  + votes(Collection of Votes)
  + Vote getVotes(Term)
  + void setVotes(Term, Votes)

admin

* LocationDB(Class) - Chase
  + locations(Collection of all Locations)
  + void addLocation(Location)
  + void editLocation(Location)
  + void deleteLocation(Location)
* Admin(Class) - Chase
  + settings(Settings)
  + Settings getSettings()
* Admin View(Class extends View) - Calvin
  + admin(Admin)
  + Schedule generate(Term, Admin)
  + void publish(Term)
  + void openSettings()
  + void manageDatabases()
* Settings(Class) - Chase
  + startTime(int)
  + endTime(int)
  + void setStartTime(int)
  + void setEndTime(int)
  + int getStartTime()
  + int getEndTime()

data

* Instructor(Class implements User) - Chase
  + workTimeUnits(int)
  + timePrefs(Collection of Days)
  + classPrefs(Collection of ints)
  + active(Boolean)
  + prefsLocked(Boolean)
  + firstName (String)
  + lastName (String)
  + Collection of Days getTimePrefs()
  + void setTimePrefs(Collection of Days)
  + int getWorkTimeUnits()
  + void setWorkTimeUnits(int)
  + Collection of ints getAllClassPrefs()
  + int getOneClassPref(Course, int)
  + void setAllClassPrefs(Collection of ints)
  + void setOneClassPref(Course, int)
  + boolean getActive()
  + void setActive(boolean)
  + void setPrefsLocked(boolean)
  + boolean getPrefsLocked()
  + String getFirstName()
  + void setFirstName (String)
  + String getLastName()
  + void setLastName (String)
  + String getFullName()
* Course(Class) - Chase is great at everything!!
  + prefix (string)
  + courseNum(int)
  + hasLab(Boolean)
  + units(int)
  + labLength (double)
  + String getPrefix()
  + void setPrefix(String)
  + int getCourseNum()
  + void setCourseNum(int)
  + boolean getHasLab()
  + void setHasLab(boolean)
  + int getUnits()
  + void setUnits(int)
  + double getLabLength()
  + void setLabLength(double)
  + String getCourseID()
* Location(Class) - Chase
  + buildingNum(int)
  + roomNum(int)
  + hasEquipment(boolean)
  + capacity(int)
  + int getBuildingNum()
  + void setBuildingNum(int)
  + int getRoomNum()
  + void setRoomNum(int)
  + boolean getHasEquipment()
  + void setHasEquipment(boolean)
  + int getCapacity()
  + void setCapacity(int)
* Schedule(Class) - Calvin
  + sections(Collection of Sections)
  + setAllSections(Collection of Sections)
  + Collection of Sections getAllSections()
  + void setOneSection(Section)
  + Section getOneSection(int, Course)
* Section(Class) - Chase
  + course(Course)
  + sectionNum(int)
  + instructor(Instructor)
  + location(Location)
  + isLab(Boolean)
  + days (Collection of days)
  + linkedSectionNum(int)
  + void setSectionNum(int)
  + int getSectionNum()
  + void setCourse(Course)
  + Course getCourse()
  + void setInstructor(Instructor)
  + Instructor getInstructor()
  + void setLocation(Location)
  + Location getLocation()
  + void setDays(Collection of Days)
  + Collection of Days getDays()
  + int getLinkedSectionNum()
  + void setLinkedSectionNum(int)
* Term(Class) - Calvin
  + schedule(Schedule)
  + votes(Collection of Votes)
  + availableSections(Collection of Sections)
  + voteLock(Date)
  + prefLock(Date)
  + year (int)
  + season (int)
  + Schedule getSchedule()
  + void setSchedule(Schedule)
  + Collection of Votes getVotes()
  + void setVotes(Collection of Votes)
  + Collection of Sections getSections()
  + void setSections(Collection of Section)
  + Date getVoteLock()
  + void setVoteLock(Date)
  + Date getPrefLock()
  + void setPrefLock(Date)
  + int getYear()
  + void setYear(int)
  + int getSeason()
  + void setSeason(int)
* Day(Class) - Chase
  + hourAvailability(Collection of Booleans)
  + setAvailability(Collection of Booleans)
  + Collection of Booleans getAvailability()
* User(abstract class) - Jarred
  + username (string)
  + void setUsername(String)
  + String getUsername()
* View(Class) - Jarred
  + currentSchedule(Schedule)
  + currentTerm(Term)
  + terms(Terms Database)
  + void changeTerm(Term)
  + void viewSchedule()
* Vote(Class) - Jarred
  + courses(Collection of 4 Courses)
  + void setCourses(Collection of 4 Courses)
  + Collection of 4 Courses getCourses()
* TermsDB(Class) - Jarred
  + terms (Collection of all Terms)
  + Term getTerm(int courseNum)
  + void addTerm(Term term)
  + void editTerm(Term term)
  + void deleteTerm(Term term)
* CourseDB(Class) - Jarred
  + courses (Collection of all Courses)
  + Course getCourse(int courseNum)
  + void addCourse(Course course)
  + void editCourse(Course course)
  + void deleteCourse(int courseNum)
* InstructorDB(Class) - Calvin
  + instructors (Collection of all Instructors)
  + Instructor getInstructor(String)
  + void addInstructor(Instructor instructor)
  + void editInstructor(Instructor instructor)
  + void deleteInstructor(Instructor instructor)