

class:	attribute(s):									
USER	User name (string)	Real name (string)	email (string)	school (school)	major (string)	year (int)	address (location)	(scheduleCons)	Semesters(semester[])	User history (User History)
SCHEDULE CONS.	Credit hours (int)	time of day pref (time,time)	time of day unpref (time,time)	RMP score range (double,double)	(double,double)	Work hours ((time,time)[7])	days of week (string[])	Locations (location[])	Gaps (boolean)	
SEMESTER	Season (string)	year (int)	start, end (date, date)	Sched. Gen. templates(template[])	(schedules[])	Titles of courses of interest (String[])				
TEMPLATE	Schedule considerations (Schedule cons.)		course priorities (String[], ordered)							
COURSE	(reference to course through SWI, All fields acquired through it)			Title (string)	location (location)	major (string)	start, end times (time,time)	end times (time[])	Days of week (string[])	professor (professor)
DATE	month (int)	day (int)	year (int)							
TIME	hour (int, 0-23)	minute (int, 0-60)								
LOCATION	City (string)	State (string)	Zip (int)	Name (String)						
PROFESSOR	(reference to professor through RMPI, All fields through it)			Name (String)	School (school)	Average Rating (double)	Average Difficulty (double)			
SCHEDULE	Courses (course[])	days (string[])								
SCHOOL	semesters sched (date[])	School Website Interface(SWI)	Courses (course[])	professors(professor[])	campuses (location[])					
SWI (School Website Interface)	Generates courses	Courses generated (course[])								
RMPI(RateMyProfessor Interface)	Generates professors	Professors generated (professor[])								
USERHISTORY	searches (search[])	returned schedules (schedule[])								
SEARCH	user(user)	date and time (date,time)	template(template)	school(school)						