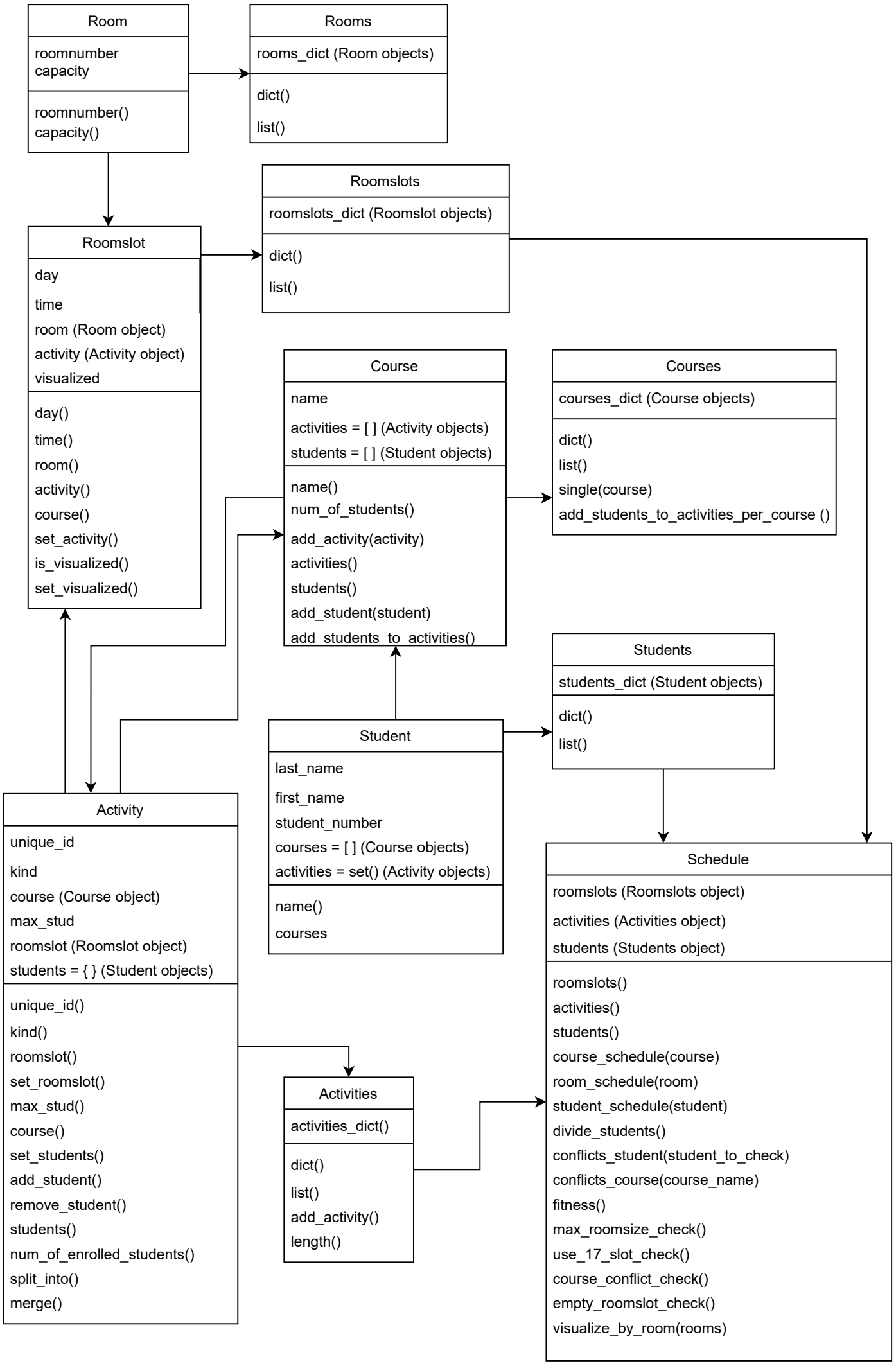
Room
roomnumber
capacity
roomnumber()
capacity()
Rooms
rooms_dict (Room objects)
dict()
list()
Roomslots
roomslots_dict (Roomslot objects)
dict()
list()
Roomslot
day
time
room (Room object)
activity (Activity object)
visualized
day()
time()
room()
activity()
course()
set_activity()
is_visualized()
set_visualized()
Course
name
activities = [ ] (Activity objects)
students = [ ] (Student objects)
name()
num_of_students()
add_activity(activity)
activities()
students()
add_student(student)
add_students_to_activities()
Courses
courses_dict (Course objects)
dict()
list()
single(course)
add_students_to_activities_per_course ()
Students
students_dict (Student objects)
dict()
list()
Student
last_name
first_name
student_number
courses = [ ] (Course objects)
activities = set() (Activity objects)
name()
courses
Activity
unique_id
kind
course (Course object)
max_stud
roomslot (Roomslot object)
students = { } (Student objects)
unique_id()
kind()
roomslot()
set_roomslot()
max_stud()
course()
set_students()
add_student()
remove_student()
students()
num_of_enrolled_students()
split_into()
merge()
Activities
activities_dict()
dict()
list()
add_activity()
length()
Schedule
roomslots (Roomslots object)
activities (Activities object)
students (Students object)
roomslots()
activities()
students()
course_schedule(course)
room_schedule(room)
student_schedule(student)
divide_students()
conflicts_student(student_to_check)
conflicts_course(course_name)
fitness()
max_roomsize_check()
use_17_slot_check()
course_conflict_check()
empty_roomslot_check()
visualize_by_room(rooms)