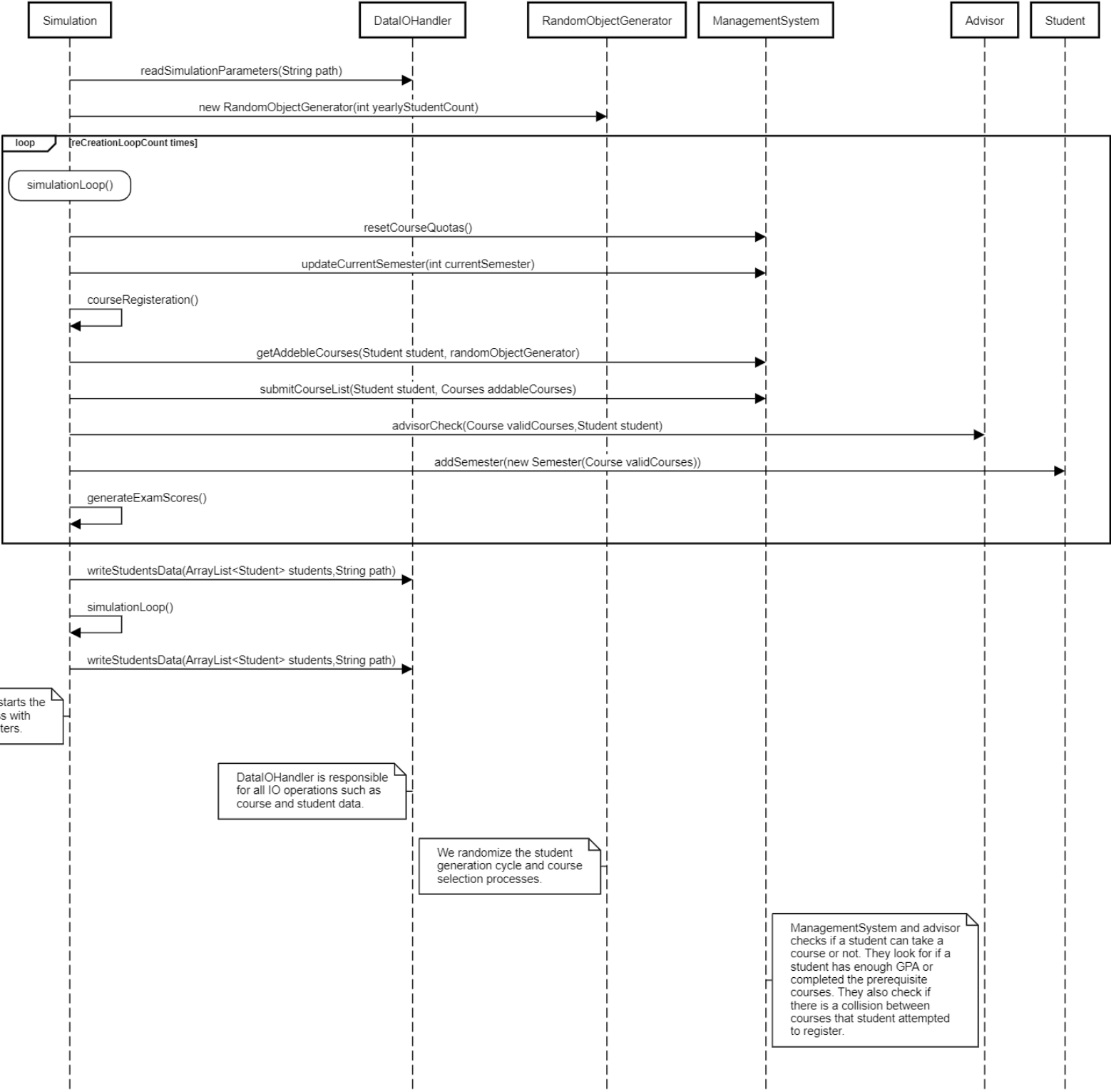


Design Sequence Diagram of Iteration1



Simulation class starts the simulation process with the given parameters.

DataIOHandler is responsible for all IO operations such as course and student data.

We randomize the student generation cycle and course selection processes.

ManagementSystem and advisor checks if a student can take a course or not. They look for if a student has enough GPA or completed the prerequisite courses. They also check if there is a collision between courses that student attempted to register.