Aline Koftikian

“4+1 Architecture” models: +1 view

Use Case Diagram

Brief Description

The “+1” view of the system’s architecture is represented by a full use case diagram. The use cases of the Student and Administator users are depicted in the diagram, represented by the bubbles.

The actions a student can perform are logging into the scheduler, creating their course sequence, viewing their academic record, and logging out of the scheduler. Creating the course sequence is comprised of a few other actions, such as changing the preferences of the sequence, adding classes to the sequence, dropping classes, and generating schedule. The generating schedule use case is an extension of the saving schedule use case, which is an extension of viewing the schedule use case. The logging in use case is an extension of browsing courses use case, which is an extension of removing and adding classes.

The administrator ‘s actions are to login, logout, and manage sections. Similar to the student’s use cases, the login use case is an extension of the browsing course list use case, which is an extension of adding and removing classes. In addition, the administrator manages a section, which includes the action of changing the section’s teacher.