Example

Contract C1.01: addLineItem

Operation: addLineItem (id: ItemID, quantity: integer)

Cross References: Use Case: Process Sale.

Preconditions: There is a sale underway.

Postconditions: Next Slide

# Wahab’s:

|  |  |
| --- | --- |
| Contract C2.05: generateSchedule | |
| Operation | generateSchedule() |
| Cross References | Use Case: Save Preferences |
| Preconditions | -The user is logged in.-The system has access to the database which keeps student’s record.-The system has access to course sequences and course schedules. |
| Postconditions | -Many schedules are generated for the user. |

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Contract C09.01:

Operation: viewScheduler()

Cross References: Use Case: Generate Schedules

Preconditions:

Postconditions:

Contract C09.02:

Operation: searchCourse(course)

Cross References: Use Case: Generate Schedules

Preconditions:

Postconditions:

Contract C09.03:

Operation: selectCourse(section)

Cross References: Use Case: Generate Schedules

Preconditions:

Postconditions:

Contract C09.04:

Operation: runScheduler()

Cross References: Use Case: Generate Schedules

Preconditions:

Postconditions:

Contract C09.05:

Operation: changePreferences()

Cross References: Use Case: Generate Schedules

Preconditions:

Postconditions: