|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Event | Trigger | Source | Use Case | Response | Destination |
| Provide Class Schedules. | Start of a New Term. | APCIS | Provide Updated Class Schedules. | Class Schedule Details. | FACILITY |
| Operation of facilities. | Class Schedules. | FACILITY | Checks Class Schedule Details. | Process Class Schedule Details. | APCIS |
| Activate Facility X  Amount of Minutes  Before Class Starts | Based on Class Schedules. | APCIS | Activates the facilities in a room. | Air conditioner, lights, and/or computers are turned on or off based on the time allocated. | FACILITY |
| Deactivates the air conditioner, lights and/or computers. | Turning off Facilities in the event that:   * Professor is absent * Class is dismissed * Early dismissal * Class suspension   After the X number of minutes that the sensors had not detected any movement in a room. | APCIS | Deactivates facilities in a room. | Air conditioner, lights, and/or computers are turned off. | FACILITY |
| Facility sends feedback. | The time facilities are turned on and/or off. | FACILITY | Process feedback. | Provide reports based on the feedback. | APCIS |
| Professor reports faulty facility. | Professor reported faulty facility details. | PROFESSOR | Report facility details. | Sends report. | APCIS |
| Professor reserves additional facility. | Professor reserved additional facility. | PROFESSOR | Reserve additional facility. | Record reservation. | APCIS |
| Start of a New Term. | Provide Class Schedules. | Registrar | Deployment of Class Schedules. | Distribution of  Class Schedules. | APCIS |
| Revisions of Class schedules. | Changes in schedule due to:   * Dissolution of a course * Merging of courses   Petitioned subjects | Registrar | Updates Class Schedule. | Redistribution of Class Schedules. | APCIS |