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| Use Case Number | UC01 | |
| Use Case Name | User Authentication | |
| Actor(s) | Admin | |
| Basic Flow | Actor Action | System Response |
|  |  | Step 1: System displays log in page |
|  | Step 2: Admin Enters their username and password |  |
|  | Step 3: User click's the log-in button |  |
|  |  | Step 4: System displays the control center of APCIS |
| Alternative Flow | 1. At Step 3: If the username and password did not match | System's display's an error message |
| Precondition | User must be registered on APC Information System | |
| Post condition | User was able to login to the system | |

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| Use Case Number | UC02 | |
| Use Case Name | Admin tags the faculty | |
| Actor(s) | Admin | |
| Basic Flow | Actor Action | System Response |
|  | Step 1: Admin clicks "Faculty Loading Module" link |  |
|  |  | Step 2: System displays control center of Faculty Loading Module |
|  | Step 3: Admin clicks the Tag Faculty Module |  |
|  |  | Step 4: System displays the list of faculty members with checkboxes |
|  | Step 5: Admin checks the faculty members who will be teaching next term |  |
|  |  | Step 6: System saves the tagged faculty members in the database. |
| Alternative Flow | 1. At Step 5: The Admin may not check the faculty members that will not tech next term. | |
| Precondition | Admin must have logged in into APCIS. | |
| Post condition | Admin was able to tag faculty members who will teach next term. | |

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| Use Case Number | UC03 | |
| Use Case Name | Admin generates the faculty schedule | |
| Actor(s) | Admin | |
| Basic Flow | Actor Action | System Response |
|  | Step 1: Admin clicks the "Back" button |  |
|  |  | Step 2: System displays control center of Faculty Loading Module |
|  | Step 3: Admin clicks "Generate Tentative Load" link |  |
|  |  | Step 4: System displays database |
|  | Step 5: Admin clicks the "Match" button |  |
|  |  | Step 6: System generates the load schedule of the faculty members |
|  | Step 7: Admin checks if the generated schedules are appropriate |  |
|  | Step 8: Admin clicks the "Save" button |  |
|  |  | Step 9: System saves the generated faculty schedule to the system's database. |
| Alternative Flow |  | 1. At Step 8: System may display empty variables. |
| Precondition | At least one faculty member was tagged. | |
| Post condition | Admin was able to create tentative load for all tagged faculty members. | |