**Integrate and Configuration**

Our goal for this project is to replicate LeopardWeb, so we will reuse and integrate typical functionality for a course registration system that LeopardWeb uses.

**Component analysis:**

* LeopardWeb allows students to register, add/drop courses and search for courses.
* The plan ahead function allows students to plan their schedule for the upcoming semester.
* Allows students, instructors, and admin to view student’s audit.
* Students can view their e-bill and financial aid.
* Students can view their student’s profile.

**Requirement modification:**

* Implement the same registration system as LeopardWeb that allows students to register/drop courses, search for courses and plan their schedule for the registration.
* Allow students, instructors, and admin to view student’s audit.

**System design (with reuse):**

* Add a function that can display the recommended courses that the students should take for the upcoming semester based on the course that they already passed.
* Ask students for the preferred elective course and suggest elective courses based on that information.

**Development and integrate:**

* The new system will have all the basic functions as the LeopardWeb with added functions that display the recommended required and elective courses for students.