**Fast Track Information: Module**

**Module –**

* In software, a module is a part of a program. Programs are composed of one or more independently developed modules that are not combined until the program is linked. A single module can contain one or several routines/sub-modules.
* A standardized, often interchangeable component of a system or construction that is designed for easy assembly or flexible use.
* You can create a module in many ways as long as it is:
  + Well defined
  + Well structured
  + Complete

**Example:**

**System Name:** PUP SIS

**Module Definition (Option 1: According to User)**

1. Student Module
   1. Registration
   2. Grades
      1. View Grade
2. Professor Module
   1. Grades
      1. Add Grade
      2. Edit Grade
      3. View Grade
   2. Teaching Units
      1. View Teaching units.
3. Administration
   1. Student
      1. Add student info
      2. Edit student info
      3. View student info
   2. Faculty
      1. Add faculty info
      2. Edit faculty info
      3. View faculty info.

**Module Definition (Option 2: According to Functionality)**

1. Registration Module
   1. Student Subject Registration.
2. Subject Module
   1. Add Subject
   2. Edit Subject
   3. Delete Subject
3. Class Schedule Module
   1. Student
      1. Add student to class
      2. Edit student to class
      3. View students in class
   2. Subjects
      1. Add Subject to class
      2. Edit subject to class
      3. View subjects to class
      4. Faculty
         1. Add faculty to subject
         2. Edit faculty to subject
         3. Remove faculty to subject
4. Grades Module
   1. Student
      1. View Grades
   2. Faculty
      1. Add grades
      2. Modify grades
      3. Remove grades
5. Maintenance Module
   1. Student
      1. Add student information
      2. Edit student information
      3. View Student information
      4. Remove student information
   2. Faculty
      1. Add faculty information
      2. Edit faculty information
      3. View faculty information
      4. Remove faculty information