1. faculty class  
- we can create/edit/delete faculty  
- we can also view faculty in details (faculty in database that we created before)  
- we can search for faculty by name/id (we need a method to handle)  
- we can view/search for courses in faculty by name/id (we need a method to handle)  
- we can add/delete course in faculty (For example add “Java programing course” to I.T faculty)

2. course class  
- we can create/edit/delete course (teacher/student)  
- we can also view course in details (users in database that we created before)  
- we can search for course by name/id (we need a method to handle)  
- we can view/search for classes in course by name/id (we need a method to handle)  
- we can add/delete class in course (For example “Java programing course” has 3 different classes JP01,JP02,JP03)

3. class class  
- we can create/edit/delete class (teacher/student)  
- we can also view class in details (users in database that we created before)  
- we can search for class by name/id (we need a method to handle)  
- we can view/search for users in course by name/id (we need a method to handle)  
- we can add/delete users(teachers/students) in course (For Example add student Phung Hoang – ID:20070832 into classes JP01)

4. user class  
- we can create/edit/delete user (teacher/student)  
- we can also view user in details (users in database that we created before)  
- we can search for user by name/id (we need a method to handle)

4.1. student user class (inherited from user)  
- Can create new submission, they can add attachment or URL link then submit

4.2. teacher user class (inherited from user)  
- Can manage assignment in class (create/edit (change content or deadline)/delete)

4.3. admin user class (inherited from user)

5. assignment class   
- only teacher can create assignment  
- create/edit/delete new assignment in course  
- assignments have a deadline when teacher create it  
- teacher can upload assignment attachment (For example: a word document to assignment – student can down and see)  
- each time teacher creating or modify anything in assignment, the system create new announcement for all student in this class  
  
6. Assignment submission class  
- a class for student submission, teacher can respond the submit (mark grade), and student can see the result  
- It also handle submission attachment (if student upload)

5. announcement

6. news

7. eLibrary category  
8. eLibrary book  
Note: Only admin can manage eLibrary/news. User only download or view