/\*PhungHoang\_20070832 – LMS System Design\*/

* ***Guest (Khách):***
* sign in
* ***Student(Học viên):***
* view user profile information (fixed personal information)
* browse courses
  + **Extend:** search for course
  + **Extend:** access course
    - **Extend:** view course info
    - **Extend:** view course material
    - **Extend:** download course material
    - **Extend:** take assignment
      * **Extend:** submit assignment
      * **Extend:** view assignment score
        + **Extend:** submit assignment complaint
    - **Extend:** view post in course
      * **Extend:** comment (role: student)
        + **Extend:** view comment
        + **Extend:** create comment
        + **Extend:** edit comment
        + **Extend:** delete comment
* view news
* view announcement
* access eLibrary
  + **Extend:** view eLibrary material
  + **Extend:** download eLibrary material
* sign out
* ***Teacher(Giảng viên):***
* view user profile information (fixed personal information)
* manage course
  + **Extend:** access course
    - **Extend:** search for course
    - **Extend:** view course info
  + **Extend:** manage course material
    - **Extend:** access course material
      * **Extend:** view course material
      * **Extend:** upload course material
      * **Extend:** download course material
    - **Extend:** modify course material
    - **Extend:** delete course material
    - **Extend:** hide course material
  + **Extend:** manage assignment
    - **Extend:** view assignment
    - **Extend:** create assignment
    - **Extend:** modify assignment
    - **Extend:** delete assignment
    - **Extend:** download submition content
    - **Extend:** mark assignment
      * **Include:** create new announcement
    - **Extend:** manage assignment complaint
      * **Extend:** view assignment complaint
      * **Extend:** reponde assignment complaint
  + **Extend:** manage post in course
    - **Extend:** view post in course
    - **Extend:** create post in course
      * **Include:** create new announcement
    - **Extend:** edit post in course
    - **Extend:** delete post in course
    - **Extend:** comment (role: admin)
      * **Extend:** view comment
      * **Extend:** create comment
      * **Extend:** edit comment
      * **Extend:** delete comment
      * **Extend:** hide user comment (only teacher,admin)
    - **Extend:** delete user comment (only teacher,admin)
* view news
* view announcement
* access eLibrary
  + **Extend:** search for eLibrary material
  + **Extend:** view eLibrary material
  + **Extend:** download eLibrary material
* sign out
* ***Admin(Quản trị viên – phòng đào tạo):***
* manage user
  + **Extend:** view user profile information
  + **Extend:** create user
  + **Extend:** edit user profile information
  + **Extend:** delete user
* manage course
  + **Extend:** access course
    - **Extend:** search for course
    - **Extend:** view course info
  + **Extend:** create course
  + **Extend:** edit course info
  + **Extend:** delete course
  + **Extend:** hide course
  + **Extend:** manage user in course
    - **Extend:** view users in course
    - **Extend:** add user by id
    - **Extend:** delete user by id
  + **Extend:** manage course material
    - **Extend:** access course material
      * **Extend:** view course material
      * **Extend:** upload course material
      * **Extend:** download course material
    - **Extend:** modify course material
    - **Extend:** delete course material
    - **Extend:** hide course material
  + **Extend:** manage assignment
    - **Extend:** access assignment
      * **Extend:** view assignment
        + **Extend:** submit assignment {only student}
        + **Extend:** manage assignment submission
      * **Extend:** download assignment attachment
    - **Extend:** create assignment
    - **Extend:** modify assignment
    - **Extend:** delete assignment
    - **Extend:** download submition content
    - **Extend:** mark assignment
      * **Include:** create new announcement
    - **Extend:** manage assignment complaint
      * **Extend:** view assignment complaint
      * **Extend:** reponde assignment complaint
  + **Extend:** manage post in course
    - **Extend:** view post in course
    - **Extend:** create post in course
      * **Include:** create new announcement
    - **Extend:** edit post in course
    - **Extend:** delete post in course
    - **Extend:** comment (role: admin)
      * **Extend:** view comment
      * **Extend:** create comment
      * **Extend:** edit comment
      * **Extend:** delete comment
      * **Extend:** hide user comment (only teacher,admin)
      * **Extend:** delete user comment (only teacher,admin)
* manage news
  + **Extend:** view news
  + **Extend:** create news
    - **Include:** create new announcement
  + **Extend:** edit news
  + **Extend:** delete news
* manage eLibrary
  + **Extend:** access eLibrary
    - **Extend:** search for eLibrary material
    - **Extend:** view eLibrary material
    - **Extend:** download eLibrary material
  + **Extend:** manage category
    - **Extend:** create category
    - **Extend:** modify category
    - **Extend:** delete category
  + **Extend:** manage eLibrary material
    - **Extend:** create eLibrary material
      * **Include:** upload eLibrary document (only word document)
    - **Extend:** modify eLibrary material info
    - **Extend:** delete eLibrary material
* sign out