1. Autentificare/autorizare serviciu (Gestiunea identitatii) – Idendity Servcer 4 – OUATH 2 + roluri
2. Modul pentru gestionarea activitatilor (microserviciu) – lista de cursuri, laboratoare etc
3. Modul pentru gestionarea grupelor si semigrupelor
4. Modul pentru orar (legat de gestionarea activitatilor)
5. Modul pentru calendar - **optional**
6. Modul pentru predare/invatare – se foloseste de modulele pentru gestionare si pentru orar
7. Rooms Management(denumire, capacitate, tip)
8. File upload service - **optional**

# Autentificare/Autorizare

* Pagina de autentificare
* Recover password
* Roles management
* Registers users – done by a super user

# Activities Management Module

* Add activities (course, labors, seminaries or project)
* Change activity (name, duration, year, groups, type(license or master), occurence)
* Remove/disable activities
* Linked activities

# Groups Management

* Create new groups(name, year, tutor, specialization, subgroups)
* Create new subgroups(name, students) – add at groups
* Edit
* Remove

# Schedule Management

* Create schedule starting from activities. For each activity the user will be able to specify the teacher, groups and subgroups and a time interval. For courses, activities overlapping is allowed at group level
* A starting and end date for the schedule must be specified
* Activity place (room)
* Typical presence percentage
* Edit
* Linked activities

# Teaching/Learning Module

* Each user should be able to create classes and assign groups/subgroups/students to each class
* Also classes can be automatically generated from the schedule management module with teachers and students automatically associated with the corresponding classes
* For a class, a teacher can add messages with didactic materials, assignments
* For each assignment a teacher should be able to mark students with a grade and presence. An assignment can be edited, deleted
* A student should be able to upload materials for an assignment (upload files or links)
* A student should be able to comment an assignment or directly on the class messages

# Rooms Management Module

* Add, edit, delete, visualize