Description of level 0 use case diagram**-**

Primary actor: Instructor, Student, Database

Secondary actor: Result Management System

After analyzing user story, we found 3 actors who directly use the system as a system operator. Primary actors are those who will play action and get reply from the system whereas secondary actor only produce or consume information.

Following are the actors of Assignment Management System-

* Instructor
* Student
* Database
* Result Management System

# Description of level 1 use case diagram-

Primary actor: Instructor, Student, Database

Secondary actor: No actor

There are 4 subsystems in the Assignment Management System. They are-

* Authentication
* Assignment management
* Group management
* Communication

# Description of level 1.1 use case diagram-

Primary actor: Instructor, Student, Database

Secondary actor: No actor

## Sign up

When user will access the system, s/he will view the sign up and sign in options. In this system, user will register with first name, last name, email, phone number and password for creating an account. After data entry, there will be a validity check. The password must contain minimum 8 characters and maximum 30 characters including numbers. The regex will be used to check the email address and phone number. User must have to give unique email id for sign up.

## Sign in

User will sign in with his/her email id and password. If the entered data match with the corresponding data stored in the database, the user will be able to access the system.

## Account recovery

If the user forgets his/her password, s/he can recover his/her account by "forgot password" option. When the user will select the "forgot password" option, s/he has to enter his/her email address. Then a link will be sent to his/her email. When the user will select the link, s/he will be redirected to a web page, where the user will set his/her new password. Then the user can log in to his/her account using the new password.

## Log out