

The story have been written after requirements collection from instructors and students. As the project will be a web application, we have collected information from different existing systems such as Class Dojo, Edmodo, Administrator's Plus, Eliademy and Google Classroom. The story of our system is described below:

(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.

(Sign out)

When a user will attempt to log out, the system will check if there are any running process. If there are any running process, the system will warn him/her to close running processes. If the user does not close the running processes, the system will close the running processes forcedly.

(Create group)

When a user creates a group, the system considers the user as an instructor. The instructor must have to sign in to his/her account to create a group. Then the user has to fill up a group name (class name/course name), section, and subject to create a group. After creating the group, the system will ask the instructor to create a code for his/her group. A student can join groups using code that is created by group instructor. A student can join many groups by using group-codes as s/he wants. Also, an instructor can create multiple groups.

(Post Assignment)

When an instructor posts an assignment, s/he can give the students a format that students have to follow at the time of assignment submission. An instructor has to fill assignment title, description of assignment and deadline of submission to post an assignment. An instructor can attach files to an assignment. When an instructor posts an assignment, a message will be sent through email to

all the students. All the students can view the assignment and comment on the assignment that the instructor posts. Instructor and students can post an announcement about a specific topic and all (instructor and student) can comment on that post. The instructor can search, download and view the assignment of the individual student. Instructor can also view the submission time and date of every student. When all the students submit the assignments, all the assignments are stored in one folder. The instructor can download the folder in which all assignments of the students are stored.

(Assignment submission)

All the students can see the assignment given by the instructor. The students can submit the assignment within a time duration that is given by the instructor. If the instructor gives a format of an assignment, the students have to follow the specific format at the time of submission. Otherwise, the system will show an error message of submission. Students can cancel submission and resubmit the assignment within the deadline for submission. Students cannot submit assignment unless they cannot full fill all requirements (cannot submit 2 files of total 3). Students will not be able to submit after the deadline of submission time if the instructor not allows late submission.

(Plagiarism check)

The instructor can check plagiarism of assignments that students will submit. Plagiarism will be checked by the MOSS (for a measure of software similarity), a free-level software to detect plagiarism. To check plagiarism using MOSS, instructor have to select “check plagiarism” option for an assignment. After checking plagiarism MOSS will send the result of similarity as a link. An instructor can see the percentage of similarity of every student.

(Mark Distribution)

After the evaluation, the instructor can give marks to each assignment of the students in this system. Then instructor can publish the marks of assignments in the group and each member can view the marks if the instructor wishes.