John Tayamen

1. **Use case name and identifier:** U3 – Admin Login – John Tayamen
2. **Objective** – The purpose of this login is the separate the regular users from the admins. Admins or teachers have special abilities that regular users are not supposed to have access too.
3. **Priority** - High.
4. **Source** – Sriram had the idea of having a separate login for admins.
5. **Actors** – The standard users that have teacher enabled logins. (Teacher)
6. **Flow of Events**
   1. Basic Flow

1. The user is prompted to login.

2. The user can then use the teacher username and password combination.

3. The status of the user will then be elevated to teacher, which has the additional options of U4 and U5.

* 1. Alternative Flow

1. The user is prompted to login.

2. The user does not provide a teacher username and password combination.

3. After 3 attempts, the user should be given a message that they have exceeded the maximum number of attempts.

* 1. Exceptions

1. The user choses to quit or forgot their login information.

2. A request can be sent to the head admin for username and password information.

1. **Includes -** U4 – Change Grade and U5 – View all User Grades
2. **Preconditions** – The user must have teacher login information.
3. **Post conditions** – The actor should have additional options to use U4 – Change Grade and U5 – View all User Grades. Their status should change from user to teacher.
4. **Notes/Issues** – After logging in as a teacher, should the teacher still have access to the original options as well? It does not appear that way in the diagram.
5. **Use case name and identifier** U4 – Change Grade – John Tayamen
6. **Objective** – The purpose of this use-case is to give teachers an additional option. Change grade gives a teacher the ability to alter the latest grade available from a student on a specific quiz.
7. **Priority** - Low
8. **Source** – The entire group had a similar use-case scenario in every diagram.
9. **Actors** – The actors involved in the use case are the teacher and the external grade server.
10. **Flow of Events**
    1. Basic Flow

1. The Actor (Teacher) will be prompted to pick between U4 – Change Grade and U5 – View all User Grades after the admin login.

2. The actor will then be prompted for which student’s quiz he/she wants to change.

3. The actor will then select a specific quiz grade to alter.

4. The new grade will be synchronized with the external grade server.

* 1. Alternative Flow

1. The actor selects a student.

2. The student has not taken any quizzes. The teacher will be able to create a grade for that quiz.

* 1. Exceptions

1. The actor should always have an option to exit.

1. **Includes** – U4 does not include any other use-cases.
2. **Preconditions** – The user must know their teacher username and password and authenticate through U3.
3. **Post conditions** – A grade of a quiz will be changed and the change will be reflected on the external grade server.
4. **Notes/Issues** – When should the external grade server be notified of the change.
5. **Use case name and identifier** U5 – View all user grades – John Tayamen
6. **Objective** – U5 will be utilized by a specific actor, the teacher, which extends the user. The teacher will be given the option to see all the quizzes taken by all of the actors stored in the external grade server.
7. **Priority** – Medium.
8. **Source** – The entire group came to a consensus that view grades and view all grades should be handled in separate use-cases.
9. **Actors** - The actors involved in the use case are the teacher and the external grade server.
10. **Flow of Events**
    1. Basic Flow

1. The Actor (Teacher) will be prompted to pick between U4 – Change Grade and U5 – View all User Grades after the admin login.

2. The actor will be prompted with a list of all users after selecting U5.

3. After selecting a user, all the records of quiz grades will be shown.

* 1. Alternative Flow

1. The actor selects U5.

2. The actor picks a user, but the user has not taken any quizzes.

3. The actor should see a message stating that the selected user has no quiz grades.

* 1. Exceptions

1. The actor selects U5, but there are no users stored on the external grade server.

2. There will be a message explain that no quizzes have been taken.

1. **Includes** U5 does not include any other use-cases.
2. **Preconditions** - The user must know their teacher username and password and authenticate through U3.
3. **Post conditions** – The actor will be given a list with each user’s name and all of that user’s grades that are stored in the external grade server.
4. **Notes/Issues** – When should the external grade server be updated? If a user creates a question, but does not take a quiz, will their information be added to the external grade server?