Use Case Description

Student

Login

Introduction:
This use case is used by the student for logging in the system.

Actors:
Student

Pre-Condition:
None

Post Condition:
If the use case is successful, the actor is logged into the system and can view and use the system. If not, the system state is unchanged.

Flow of Event:
Basic Flow:
This use case starts when the user wants to login into the system.
1) System requests the actor to enter their login credentials.
2) System will validate student details.
3) If login credentials are correct then he can log into the system.
Alternate Flow:
1) Invalid Details:
If the login details are incorrect the user will be asked to enter proper credentials.
2) Forget Password:
If the user clicks on the forget password then he will be redirected to another page.

Special Requirements:
None

Use Case Relationship:
None

View Assignment

Introduction:
This use case is used by the student to view the assignment uploaded by the teacher
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Actors:
Student

Pre-Condition:
Students must be logged into the system.

Post Condition:
If the use case is successful, the actor is logged into the system and can view assignment details. If not, the system state is unchanged.

Flow of Event:
Basic Flow:
1) This use case starts when the student wants to view assignment details uploaded by the teacher.
2) System will show the list of assignments.
   Alternate Flow:
1) Submit Assignment:
   If the student wants to submit an assignment from this use case he can also upload their assignment.

Special Requirements:
None

Use Case Relationship:
None

<u>Attempt Quiz</u>

Introduction:

     This use case is used by the student when they want to attempt a quiz.

Actors:

     Student

Pre-Condition:

     Students must be logged into the system.

Post Condition:

     If the use case is successful, the actor is logged into the system and can attempt the quiz. If not, the system state is unchanged.

Flow of Event:

     <u>Basic Flow:</u>

1) This use case starts when the student wants to attempt the quiz uploaded by the teacher.
2) System will show the quiz details.

     <u>Alternate Flow:</u>

     None

Special Requirements:

     None

Use Case Relationship:

     None

View Quiz Score

Introduction:
This use case is used by the student when they want to view their quiz score.

Actors:
Student

Pre-Condition:
Students must be logged into the system.

Post Condition:
If the use case is successful, the actor is logged into the system and can view their quiz score. If not, the system state is unchanged.

Flow of Event:
Basic Flow:
1) This use case starts when the student wants to view their quiz score
2) System will show their respective scores.
Alternate Flow:
None

Special Requirements:
None

Use Case Relationship:
None

View Study Material

Introduction:

This use case is used by the student when they want to see the study material uploaded by the teacher.

Actors:

Student

Pre-Condition:

Students must be logged into the system.

Post Condition:

If the use case is successful, the actor is logged into the system and can view the study material uploaded by the teacher. If not, the system state is unchanged.

Flow of Event:

Basic Flow:

1) This use case starts when the student wants to view study material uploaded by the teacher.
2) System will show the student all material provided by the teacher.

Alternate Flow:

None.

Special Requirements:

None

Use Case Relationship:

None

View Attendance

Introduction:
    This use case is used by the student to view their daily attendance.
Actors:
    Student
Pre-Condition:
    Students must be logged into the system.
Post Condition:
    If the use case is successful, the actor is logged into the system and can view their attendance. If not, the system state is unchanged.
Flow of Event:
    Basic Flow:
1) This use case starts when the student wants to view their daily attendance .
2) System will show the student table of their daily attendance.
    Alternate Flow:
    None

Special Requirements:
    None
Use Case Relationship:
    None

View Announcements

Introduction:
  This use case is used by the student to view announcements made by the teacher.

Actors:
  Student

Pre-Condition:
  Students must be logged into the system.

Post Condition:
  If the use case is successful, the actor is logged into the system and can view announcements made by the teacher. If not, the system state is unchanged.

Flow of Event:
  Basic Flow:
1) This use case starts when the student wants to view announcements made by the teacher.
2) System will show the student announcements made by the teacher.
  Alternate Flow:
  None

Special Requirements:
  None

Use Case Relationship:
  None

ADMIN

Login

Introduction:

This use case is used by the admin for logging in the system.

Actors:

Admin

Pre-Condition:

None

Post Condition:

If the use case is successful, the actor is logged into the system and can view and use the system. If not, the system state is unchanged.

Flow of Event:

Basic Flow:

This use case starts when the user wants to login into the system.

1) System requests the actor to enter their login credentials.
2) System will validate admin details.
3) If login credentials are correct then he can log into the system.

Alternate Flow:

1) Invalid Details:

If the login details are incorrect the user will be asked to enter proper credentials.

2) Forget Password:

If the user clicks on the forget password then he will be redirected to another page.

Special Requirements:

None

Use Case Relationship:

None

Manage Students

Introduction:

      This use case is used by the admin for managing students like he can add a student, view student details & can also update or delete students.

Actors:

      Admin

Pre-Condition:

      The admin must be logged in to access this feature of the system.

Post Condition:

      After the admin is logged in he/she can manage student details and access that feature.

The flow of the Event:

      <u>Basic Flow:</u>

      This use case starts when the admin wants to manage student details

            1)After logging in, the admin can manage the student like he can add/edit/update/delete the student.

      <u>Alternate Flow:</u>

      None

Special Requirements:

      None

Use Case Relationship:

      None

Manage Teachers

Introduction:

      This use case is used by the admin for managing teachers like he can add a teacher ,view teacher details & can also update or delete teachers.

Actors:

      Admin

Pre-Condition:

       The admin must be logged in to access this feature of the system.

Post Condition:

      After the admin is logged in he/she can manage teacher details and access that feature.

 The flow of the Event:

      Basic Flow:

      This use case starts when the admin wants to manage teacher

      1)After logging in, the admin can manage the teacher like he can add/edit/update/delete the teacher.

      Alternate Flow:

      None

Special Requirements:

      None

Use Case Relationship:

      None

Manage Assignments

Introduction:
This use case is used by the admin for managing assignments uploaded by the teacher.

Actors:
Admin

Pre-Condition:
The admin must be logged in to access this feature of the system.

Post Condition:
After the admin is logged in he/she can manage assignments uploaded by the teacher.

The flow of the Event:
Basic Flow:
This use case starts when the admin wants to manage assignments.
1)After logging in, the admin can view the assignments uploaded by the teacher.
Alternate Flow:
None

Special Requirements:
None
Use Case Relationship:
None

Manage Study Material

Introduction:
       This use case is used by the admin for managing study material uploaded by the teacher.

Actors:
       Admin

Pre-Condition:
       The admin must be logged in to access this feature of the system.

Post Condition:
       After the admin is logged in he/she can manage study material and access that feature.

The flow of the Event:
       <u>Basic Flow:</u>
       This use case starts when the admin wants to manage assignments.
       1)After logging in, the admin can view the study material uploaded by the teacher.
       <u>Alternate Flow:</u>
       None

Special Requirements:
       None

Use Case Relationship:
       None

Manage Quiz

Introduction:
　　This use case is used by the admin for managing quizzes uploaded by the teacher.

Actors:
　　Admin

Pre-Condition:
　　The admin must be logged in to access this feature of the system.

Post Condition:
　　After the admin is logged in he/she can manage quizzes and access that feature.

The flow of the Event:
　　Basic Flow:
　　This use case starts when the admin wants to manage assignments.
　　1)After logging in, the admin can view quizzes information uploaded by the teacher.
　　Alternate Flow:
　　None

Special Requirements:
　　None

Use Case Relationship:
　　None

Generate Reports

Introduction:

This use case is used by the admin for generating daily reports of attendance of students and their in-time etc..

Actors:

Admin

Pre-Condition:

The admin must be logged in to access this feature of the system.

Post Condition:

After the admin is logged in he/she can view student info and their in-time in class.

The flow of the Event:

Basic Flow:

This use case starts when the admin wants to generate a report of student attendance.

1)After logging in, the admin can make a report of student attendance.

Alternate Flow:

None

Special Requirements:

None

Use Case Relationship:

None

TEACHER

Login

Introduction:

This use case is used by the teacher for logging in to the system.

Actors:

Teacher

Pre-Condition:

None

Post Condition:

If the use case is successful, the actor is logged into the system and can view and use the system. If not, the system state is unchanged.

The flow of the Event:

Basic Flow:

This use case starts when the user wants to login into the system.

1) The system requests the actor to enter their login credentials.
2) The system will validate student details.
3) If login credentials are correct then he can log into the system.

Alternate Flow:

1) Invalid Details:

If the login details are incorrect the user will be asked to enter proper credentials.

2) Forget Password:

If the user clicks on the forget password then he will be redirected to another page.

Special Requirements:

None

Use Case Relationship:

None

Upload Study Material

Introduction:

This use case is used by the teacher for uploading the study material like worksheets, notes, etc.

Actors:

Teacher

Pre-Condition:

The teacher must be logged in to access this feature of the system.

Post Condition:

After the teacher is logged in he/she can upload the necessary material for the students to view.

The flow of the Event:

Basic Flow:

This use case starts when the teacher wants to upload study material.

1) The teacher will have to choose a file to upload the material.
2) Then the teacher can also mention the material title and description.
3) On clicking upload, the material will be uploaded for the students.

Alternate Flow:

None

Special Requirements:

None

Use Case Relationship:

None

Manage Announcements

Introduction:
    This use case is used by the teacher for making announcements regarding lecture timings, test schedule, timetable, holidays, etc.

Actors:
    Teacher

Pre-Condition:
    The teacher must be logged in to access this feature of the system.

Post Condition:
    After the teacher is logged in he/she can make the announcements for the students to view.

The flow of the Event:
    Basic Flow:
    This use case starts when the teacher wants to make any necessary announcements.
        1)The teacher will have to add a title and description of the announcement.
        2)On clicking submit, the announcement will be viewed by the students.
    Alternate Flow:
    None

Special Requirements:
    None

Use Case Relationship:
    None

Manage Assignments

Introduction:
>   This use case is used by the teacher when he/she wants to upload an assignment for the students.

Actors:
>   Teacher

Pre-Condition:
>   The teacher must be logged in to access this feature of the system.

Post Condition:
>   After the teacher is logged in he/she can upload the necessary assignments.

The flow of the Event:
>   Basic Flow:
>   This use case starts when the teacher wants to upload any assignment.
>> 1)The teacher will have to upload a file of the assignment.
>> 2)Then the teacher will have to add a title, description which have details regarding the deadline and the submission.
>> 3)On clicking submit, the assignment will be available for the students.
>   Alternate Flow:
>   None

Special Requirements:
>   None

Use Case Relationship:
>   None

Manage Tests

Introduction:
      This use case is used by the teacher when he/she wants to upload a test for the students.

Actors:
      Teacher

Pre-Condition:
      The teacher must be logged in to access this feature of the system.

Post Condition:
      After the teacher is logged in he/she can upload the test.

The flow of the Event:
      Basic Flow:
      This use case starts when the teacher wants to upload any test.
            1)The teacher will have to provide a google form link for the test.
            2)Then the teacher will have to add a title, description which have details regarding the deadline and the submission of the form.
            2)On clicking submit, the test will be available for the students.
      Alternate Flow:
      None

Special Requirements:
      None

Use Case Relationship:
      None