

# UC3: View Result - Muhammad Bilal

## Primary Actors

Instructor, Admin and Student.

## Stakeholders and Interests

### Instructor

Instructors are interested in viewing the academic results of their students to assess their performance in the courses they are responsible for.

### Admin

Admins are concerned with the overall management of the academic data. They may need to access student results for various administrative purposes, such as accreditation, reporting, and monitoring institutional performance.

### Student

Students are keen to view their own academic results to gauge their performance, track their progress, and identify areas of improvement.

### Institutional Authorities

Institutional authorities, such as deans or academic directors, may use the "View Results" feature to assess the overall performance of courses and make informed decisions about curriculum changes and resource allocation.

## Preconditions

1. The user must have valid authentication and authorization to access the system.
2. Student data and course evaluation results must be available in the system.

## Success Guarantee (postconditions)

1. The user can access and review the academic results for the selected course or student.
2. Instructors and Admins can access results for multiple courses and students, including aggregate data.
3. Students can view their own academic results.

4. The results can be printed or saved for future reference.

## **Basic Flow**

1. If the user is an instructor or Admin, they can access the "View Results" feature. If the user is a student, they can access their own academic results.
2. The user selects a course for which they want to view results.
3. The system retrieves and displays the relevant academic results for the selected course.
4. If the user is an instructor or Admin, they can view results for multiple students and courses.
5. The user can view detailed information, including individual student marks, grades, and positions within the course.
6. Instructors and Admin can also access aggregate data such as class averages and statistics.
7. The user has the option to print or save the results for reference or record-keeping purposes.

## **Alternate Flows**

1. If the user's credentials are invalid or they lack the necessary permissions, they will be denied access to the "View Results" feature.
2. If there are no results available for the selected course or student, the system will display a message indicating the absence of data.
3. If there are technical issues or system errors, the system will prompt the user to try again or report the problem to the administrator.

## **Special Requirements**

1. Data should be updated in real-time or at regular intervals.
2. The system should be able to handle a potentially large volume of users accessing results concurrently, especially during peak times such as exam result releases.
3. The system should ensure seamless integration with the course allocation system, course management system, and other relevant systems to provide a holistic view of student performance.

## Technology and Data Variations List

1. The result should be accessible via standard web browsers and potentially a mobile application.
2. The user interface should be responsive to different screen sizes and devices.
3. Results data can vary in terms of formats, such as letter grades (A, B, C) or numerical scores (0-100).

## Use Case Diagram – Course Evaluation System

