**Gradebook Page and Functionalities Development Points:**

1. **Gradebook Page Fields and Features:**
2. **Course and Subject Selection Development:**

* **Course Dropdown:** This will allow the teachers to select the course they want to view.
* **Subject Dropdown:** This will allow the teachers to select the subject within the selected course.

1. **Student Information Development:**

* **Student Name:** The name of the student.
* **Student ID:** A unique identifier for each student (optional but useful for large classes).

1. **Quiz Information Development:**

* **Quiz Name:** The name of the quiz.
* **Quiz Date:** The date the quiz was taken.

1. **Grades and Scores Development:**

* **Score:** This will show the student's score on the quiz.
* **Total Points:** This will show the total points possible for the quiz.
* **Percentage:** This will show the percentage score (calculated as Score / Total Points \* 100).

1. **Feedback and Comments Development:**

**Feedback:** This will show any comments or feedback provided by the teacher for the quiz.

1. **Actions Fields Development:**

* **Edit Grade:** This will be an option to edit the student's grade.
* **Add Feedback:** This will be an option to add or edit feedback for the quiz.

1. **Filtering and Sorting Options Development:**

* **Filter by Student:** We will develop a search bar or dropdown to filter grades by student.
* **Filter by Quiz:** We will develop a search bar or dropdown to filter grades by quiz.
* **Sort by Name:** We will develop an option from where the teacher would be able to sort the table by student name.
* **Sort by Score:** We will develop an option to sort the table by score.
* **Sort by Date:** We will develop an option to sort the table by quiz date.
* **Need to add more.**

1. **Export and Import Options Development:**

* **Export to CSV:** We will develop a button to export the gradebook data to a CSV file.
* **Import Grades:** We will develop a button to import grades from a CSV file.

1. **Analytics and Summary Development:**

* **Average Score:** We will develop the field of average score for the quiz.
* **Highest Score:** We will develop the field of highest score for the quiz.
* **Lowest Score:** We will develop the field of lowest score for the quiz.
* **Grade Distribution:** We will develop a visual representation (e.g., bar chart) of the grade distribution.

1. **Assignment Groups and Weighted Grades:**

* **Assignment Groups:** Organize assignments into groups for easier management.
* **Weighted Grades:** Set different weights for assignment groups to calculate final grades based on specific criteria.

1. **Grading Schemes:**

* **Custom Grading Schemes:** Create custom grading schemes to match specific grading standards.
* **Letter Grades and Percentages:** Assign grades as letters, percentages, or points.

1. **Feedback and Comments:**

* **Annotations and Comments:** Provide detailed feedback on assignments using annotations and comments.
* **Audio and Video Feedback:** Instructors can leave audio or video feedback for more personalized communication. (We may develop this in future)
* **Need more development fields.**

1. **Submission and Late Policies:**

* **Automatic Late Policies:** Automatically apply deductions for late submissions.
* **Missing Submission Policy:** Automatically assign grades for missing submissions.

1. **Communication with Students:**

* **Grade Posting Policies:** Control when grades are released to students.
* **Notifications:** Notify students about their grades and feedback via email or Portal notifications.

**Extra Credit Question (Black Board)**