

Names: Alejandro Cuadrado, Yeshua Chilibingua, Isaac Escobar.

Subject: Advanced Web Development

Development of an Online Grading System for Schools



Online Grading System for Schools

Key Features:

1. Dynamic Filters by Course, Section, and Other Criteria

Description:

The system will enable efficient filtering of students based on various criteria, with dynamic functionalities for specific searches.

Essential Features:

- **Search by course and section:** Easily filter students pre-assigned to their respective courses and sections.
 - **Additional criteria:** Allow combined searches by student name, ID number, type of assessment, and more.
 - **Unique identifier:** Each student will have a unique code for traceability.
 - **Change log:** Record the exact date and time of any grade modifications.
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2. Grade Reports

Report Structure:

- **By subject:**
 - Subject name.
 - Types of assessments (exams, assignments, projects, etc.).
 - Detailed grades for each assessment with their corresponding percentages.
 - Final average per subject.
- **Student information:**
 - Full name.
 - Course and section.

- Academic year.

Additional Details:

- Institution name.
- Tutor or teacher's name.
- Date and time of report generation.

Format:

- **Individual reports:** Personalized reports for each student.
 - **Group summaries:** Overall averages by course and section.
 - **Print compatibility:** Optimized format for export and printing.
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3. Authority Management

Monitoring Progress:

- **Grade submission summary:**
 - Number of students with grades entered.
 - Number of students pending.
 - **Filters by course and subject:** Quickly identify incomplete areas.
 - **Accessibility:** An intuitive administrative panel to identify courses and students with missing grades.
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4. Parent Portal

User-Friendly and Personalized Interface:

- Access to their child's grades, organized by subject.
 - Clear display of averages by subject and overall performance.
 - **Advanced options:**
 - Filter by child, in case the parent has more than one enrolled student.
 - Generate individual reports with complete information.
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5. Qualitative and Quantitative Grades

Separation of Assessment Methods:

- Qualitative evaluations: Descriptive performance reviews.
 - Quantitative evaluations: Numerical grades with percentage breakdowns.
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6. Additional Technical Details

- **Combined filters:** Search for students by course, section, subject, assessment type, and more.
 - **Unique identifiers for each record:** Each evaluation and student will have a unique code for easy traceability.
 - **Modification history:** Display the date and time when grades were updated.
 - **Teacher view:**
 - Organized display of students and grades by course and subject.
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Next Steps in Development:

1. **Implementation of dynamic filters:** Design an intuitive and flexible search system.
 2. **Report format design:** Create standardized reports for individual students and complete courses.
 3. **Authority portal:** Integrate a dashboard for monitoring and managing grade submissions.
 4. **Parent interface:** Ensure a clear and accessible experience for viewing their child's academic performance.
 5. **Integration of qualitative and quantitative grades:** Adapt the system to reflect both grading methods accurately.
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Client Details:

Name: Alfredo Escobar

Relation: Parent of Isaac

Specific Requirements: Access to manage information for more than one child within the system.

Firma del Cliente

Alfredo Escobar