**Interview Questionnaire – Faculty & Teachers**

1. How do you currently assess and grade student exams? What aspects of this process do you find most time-consuming or challenging?

* *Assumption:* Manual grading is a significant time burden for educators and can lead to inconsistencies in evaluation.
* *Claim:* An AI-assisted grading system will reduce grading time while ensuring consistency and fairness in assessments.
  + *Back-up:* “*If manual grading is not perceived as an issue, are there specific types of assessments where automation could still be beneficial (e.g., essay grading, multiple-choice scanning)?”*

1. Have you encountered discrepancies or biases in the grading process, either personally or among colleagues? How do you currently address these issues?

* *Assumption:* Subjective grading can lead to inconsistencies or biases in student evaluations.
* *Claim:* AI-powered grading will provide a more objective and standardized assessment, reducing human bias.
  + *Back-up:* If grading bias is not a concern, are there areas where AI could still assist in maintaining grading accuracy, such as through rubric-based evaluations or automated feedback mechanisms?

1. How often do students request clarifications or contest their grades? What are the main reasons behind these disputes?

* *Assumption:* Students frequently challenge their grades due to unclear grading criteria or perceived inconsistencies.
* *Claim:* AI-assisted grading with detailed feedback mechanisms will provide greater transparency and reduce grade disputes.
  + *Back-up:* If grade disputes are minimal, would there still be value in providing students with AI-generated explanations or insights into their performance to support learning?

1. How do you currently grade short-answer and essay-type questions? Do you find it difficult to maintain consistency in evaluation?

* *Assumption:* Evaluating open-ended responses is subjective and can be inconsistent across different graders.
* *Claim:* NLP-based grading will provide a structured and consistent method for evaluating short-answer and essay-type questions.
  + *Back-up:* If consistency is not an issue, would AI-generated suggestions or comparative analysis against a model answer be useful for streamlining grading?

1. How do you manage large class sizes when grading exams? Are there specific strategies you use to maintain efficiency?

**Assumption:** Teachers struggle with grading efficiency when handling large volumes of student submissions.

**Claim:** AI-powered grading tools can significantly reduce workload and improve turnaround time for large classes.

**Back-up:** If grading large volumes of work is manageable, are there specific grading-related administrative tasks that could still benefit from automation (e.g., tracking student progress, generating reports)?

**6. How would you feel about using an AI-powered grading assistant where *you*, as the teacher, have the final say in all scoring decisions, with the system only offering suggested feedback or initial evaluations?**

**Assumption:** Faculty may still be cautious about using AI in grading, but are more open to it if the system is clearly positioned as a support tool rather than a replacement for human judgment.

**Claim:** AI-assisted grading can serve as a *recommendation engine*, offering preliminary insights, but the teacher retains full control to review, modify, or override scores—ensuring pedagogical freedom and accuracy.

**Back-up:** Assuming you're comfortable with AI supporting your grading process, what other technical or workflow-related challenges would you anticipate when integrating such a tool into your current teaching setup?

**7. How would you feel about integrating AI-powered grading into your current workflow? What features would you expect from such a system?**

**Assumption:** Educators require a seamless integration process with minimal disruption to their existing workflows.

**Claim:** The system will be user-friendly, requiring minimal additional effort while enhancing efficiency.

**Back-up:** If workflow integration is not a concern, would customizable AI features (e.g., personalized grading rubrics, feedback automation) be beneficial in enhancing grading processes?