# AUTO-GRADING SYSTEM

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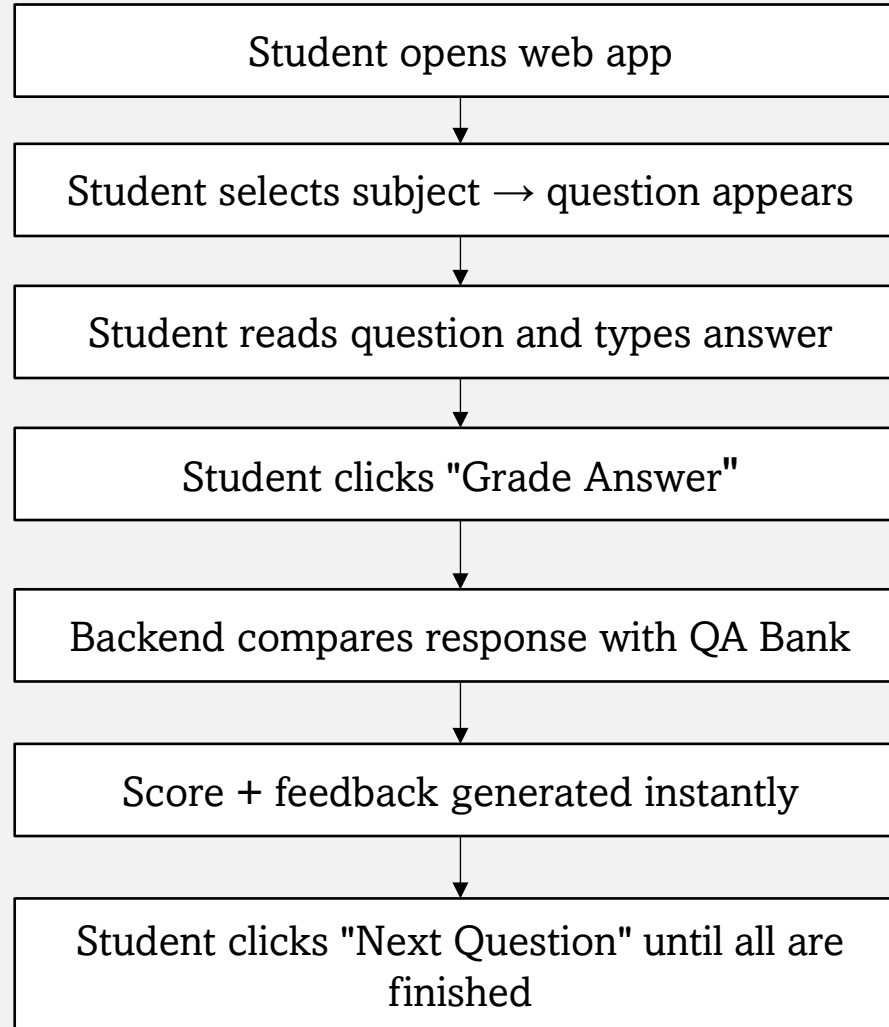
# OBJECTIVE

➤ Make grading of answers automatic and quick

➤ Give students immediate feedback

➤ Reduce teachers' workload

➤ Ensure fair and consistent scoring

➤ Improve learning experience for students

# WORKFLOW

1. Student opens the web app

2. Student selects a subject → first question appears automatically

3. Student reads the displayed question and types their answer

4. Student clicks "Grade Answer" → Flask backend processes input

5. Backend compares response with QA Bank

6. Score + feedback generated instantly

7. Student can click "Next Question" to view the next one until all are finished

# FLOWCHART

Student opens web app

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Student selects subject → question appears

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Student reads question and types answer

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Student clicks "Grade Answer"

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Backend compares response with QA Bank

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Score + feedback generated instantly

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Student clicks "Next Question" until all are finished

# TECHNOLOGY STACK

o Frontend: HTML, CSS, JavaScript

o Backend: Flask (Python)

o QA Bank: Dictionary-based storage

o UI: Responsive, modern design

# CONCLUSION

➢ Saves teachers' time

➢ Provides fair & consistent grading

➢ Helps students improve with instant feedback

➢ Future scope: AI-based semantic grading

➢ Useful for online exams, quizzes, and learning applications