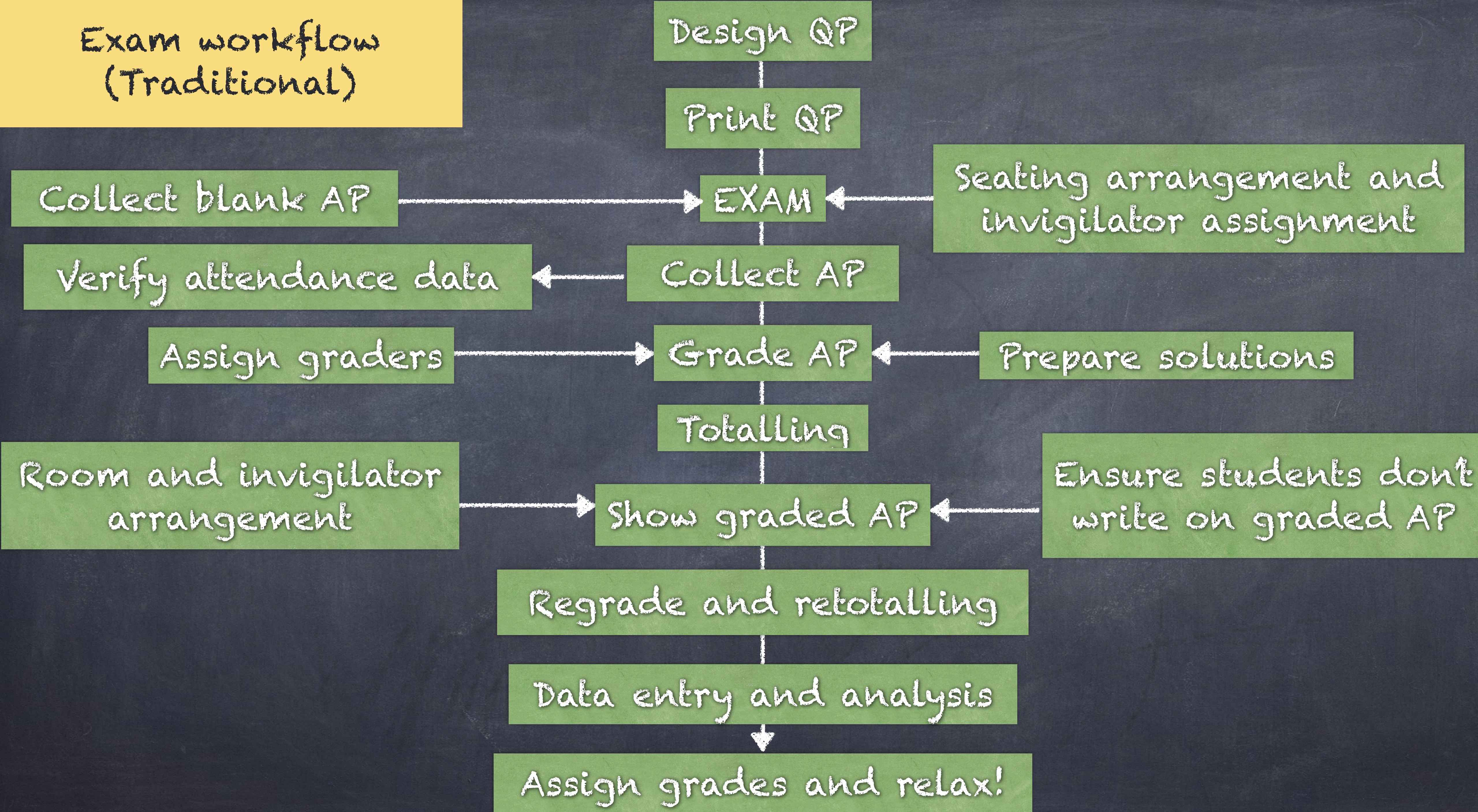# Why use Gradescope?

Amit Kuber
(MTH and CERTEX)
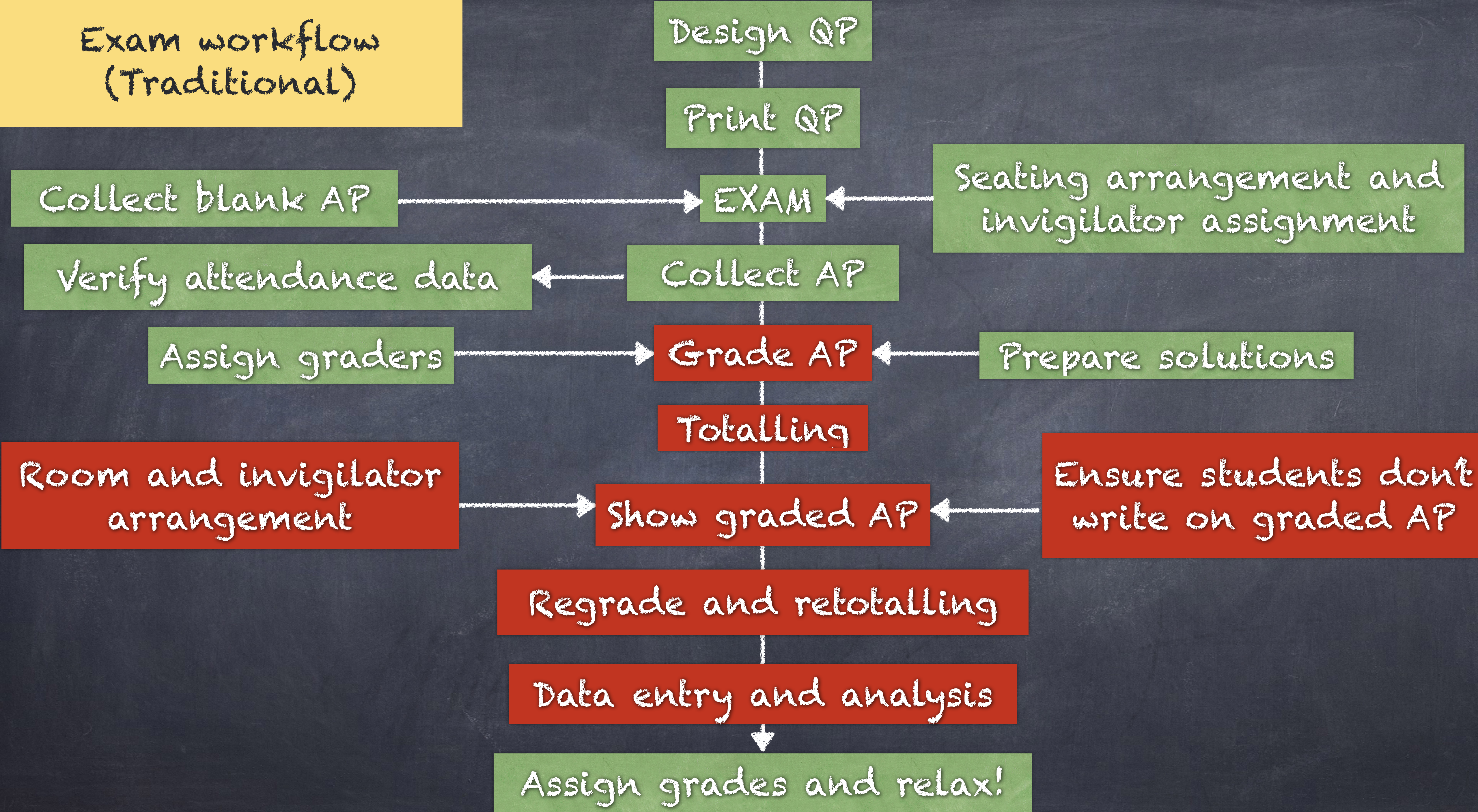
Disclaimer: This presentation is not sponsored by Gradescope/Turnitin!

(Completely based on personal experiences in MTH department.)

Exam workflow (Traditional)

Design QP

↓

Print QP

↓

Collect blank AP → EXAM ← Seating arrangement and invigilator assignment

↓

Verify attendance data ← Collect AP

↓

Assign graders → Grade AP ← Prepare solutions

↓

Totalling

↓

Room and invigilator arrangement → Show graded AP ← Ensure students don't write on graded AP

↓

Regrade and retotalling

↓

Data entry and analysis

↓

Assign grades and relax!

Problems while grading traditionally

- Increase in (wo)man-hours, and neck and back issues

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- Chaos and cheating while showing graded copies/on-the-spot regrading

Gradescope: features

- Grade from any location with good internet!

- 100% transparency for graders and students

- Eco-friendly: saves paper

- Easy search and filter options

- Tablet and pencil-friendly

- Easy to switch between different copies

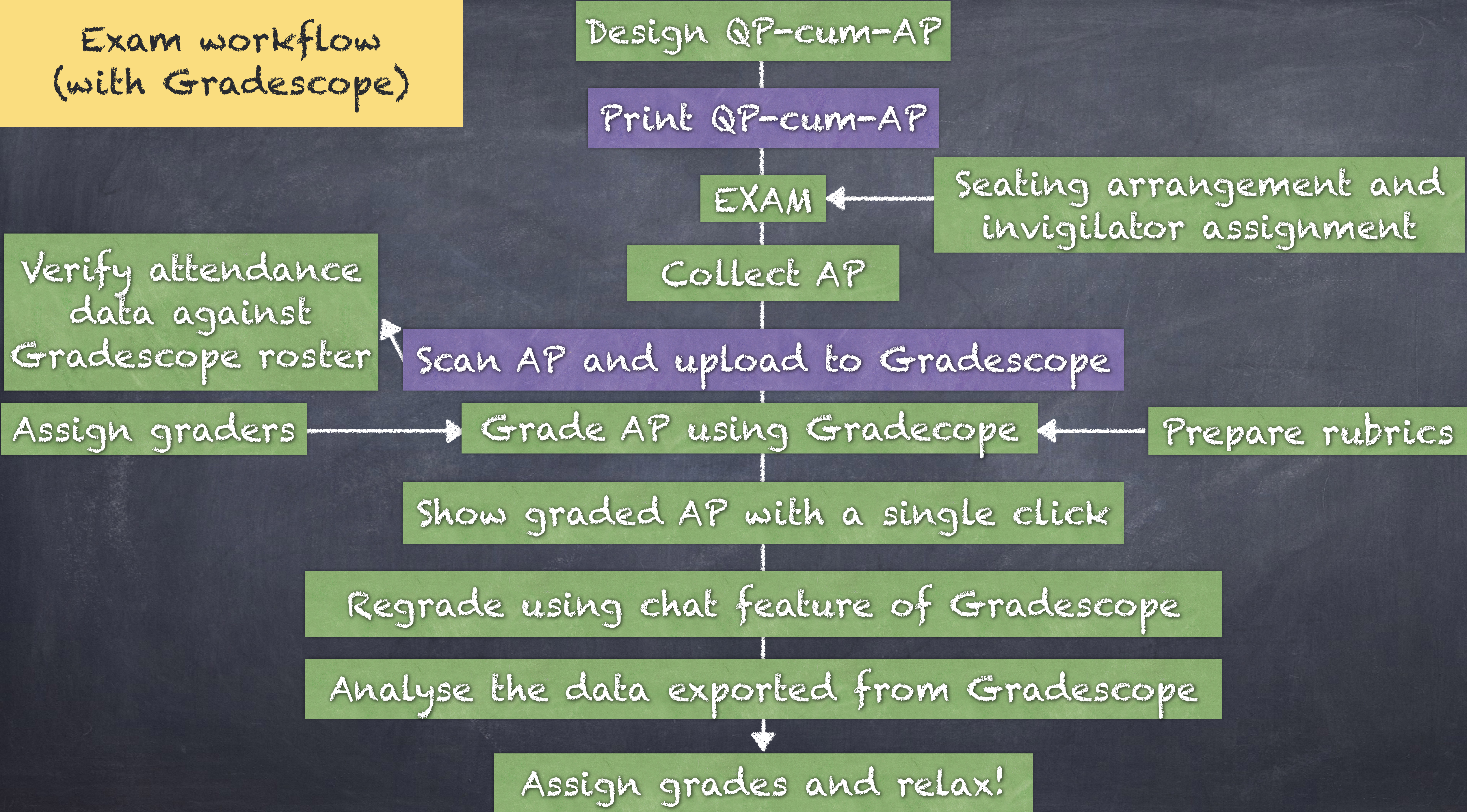- Answer-grouping and group-grading

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- Easy search and filter options
- Tablet and pencil-friendly
- Easy to switch between different copies
- Answer-grouping and group-grading

- Dedicated question-specific view
- Skip a copy to return to it in the future
- Keyboard enough for grading most copies
- Automatic totalling
- Reuse previously written comments
- Auto-grading of MCQs
- Submission-specific point adjustment

Exam workflow (with Gradescope)

Design QP-cum-AP

Print QP-cum-AP

EXAM ← Seating arrangement and invigilator assignment

Collect AP

Verify attendance data against Gradescope roster ← Scan AP and upload to Gradescope

Assign graders → Grade AP using Gradecope ← Prepare rubrics

Show graded AP with a single click

Regrade using chat feature of Gradescope

Analyse the data exported from Gradescope

Assign grades and relax!

Demo time

Gradescope: challenges and solutions

- Increased screen time: what can we do in this era?!

- Essentially similar rights for Instructors and TAs: we believe in the integrity of our TAs

- Rubric structure lacks Boolean operations: Gradescope needs to be informed about this need

- Limited space for writing answers: break questions into parts

- $(Re)^n$-grading queries from students for $n>1$: instructor-in-charge should be strict

Also worth to discuss...

- Selection of paper: A4 or A3, and staples

- Variable length submissions

- Students can submit assignments

- Coding assignments and their grading

- Economic seating arrangement (OROS+ERES)

- Different QP sets to curb cheating

- Break an exam into 2-3 exams

Thank you for your attention!
The house is open now for questions and comments!

Contact me at askuber@iitk.ac.in!