Today's Session

- This session (pre-recorded) is targeted to Information Systems professors desiring to expand their evaluation and grading strategies of student projects. Examples are drawn from mobile, web, desktop GUI, and console-based projects. We want to share what we feel are effective techniques to consider when evaluating programming assignments as well as building useful assessment feedback.

Starting Template

- Because students often receive the same project, having a .docx with common feedback is helpful.
- Tag likely to change areas in yellow highlight.
- Incorporate "next steps" feedback that will...
  - keep students aware of what is next in the course's sequence.
  - remind students of active communication.
  - cite IT workforce-related references, program advisory board feedback, college or department events applicable to the IT student, etc.
- Live demonstration.
"Software Development Evaluation and Grading Strategies"

Starting Template (cont.)

- Use an image capture tool when seeing feedback in action is better or complements what written feedback provides.
- Apply a macro to remove highlighting and format images with borders.
- Live demonstration.

Unzipping Submissions And Pinning

- Your LMS may allow you to download all submissions as a single .zip file. If so, consider a script to unzip submissions on a per-folder basis.
- Pin a shortcut to the root folder containing the submissions.
- Live demonstration.

In-app Workflows

- Reset the IDE if needed.
- Take advantage of screen splitting to see non-adjacent content.
- Adjust the font settings to make code or results easier to understand.
- Capture contextual feedback.
- Use multimedia feedback when applicable.
- Live demonstration.
"Software Development Evaluation and Grading Strategies"

Starting Template (revisited)
- Build it as you’re grading.
- Use to track number of instances of specific problems.

Consistent Environment
- Regardless of the language in use, select an appropriate IDE.
- Require students to all use the same version of the product you’ve selected.
- Although we’re teaching a specific language, we are also supporting the IDE we’re using.

No Beta or Preview Products!
- Some students feel it’s interesting to test unreleased products and experience new features.
- This might work well in an higher level programming classes.
- This is not helpful in introductory programming classes.
- Many students don’t understand these products aren’t finished and may include significant bugs.
"Software Development Evaluation and Grading Strategies"

Submission of Screenshots

• Useful for early project in introductory classes.
• Enables instructors to determine each student has a working environment.
• May be submitted in addition to code or instead of code for simple projects.

Thanks for Attending!

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