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Creating Branching Tutorials in PowerPoint

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What is a branching tutorial?

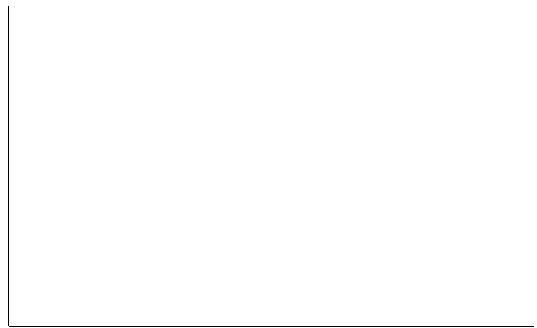
- Scenario-based
- Requires critical thinking and authentic decision-making
- Provides feedback and shows consequences
- Mimics real-world performance (this is the ultimate goal)

Instructional Design Process

ADDIE

- A – Analyze
- D – Design
- D – Develop
- I – Implement
- E – Evaluate

How would you use a branching tutorial?



How would you use a branching tutorial?

- Review readings/content
- Self-test
- Pre-work to introduce a topic
- Start a discussion about the outcomes

Limitations

- Cannot track score or participation
- Simplifies decisions
- Time-consuming to create

Analyze

- Select a topic:
 - Decisions are easily identified
 - Decisions require thought
 - Match with instructional objectives
- Determine the purpose of the tutorial (review, discussion, etc.)
- Write objectives for the tutorial
- Take a few moments to complete the Analyze worksheet (under Course Documents)

Design – Flowchart

- Purpose: organize and plan
 - Makes linking slides easier
- Decide upon decision structure
 - Choose again: Incorrect choices prompt the learner to try again
 - Fail: Incorrect path continues until the learner reaches a “fail” point
- Take a few moments to create a flowchart (at least one decision)

Design – Storyboard

- Purpose: plan and create cohesion
- Write the text that will be on screen
- Write the options for each decision and feedback for each option
 - Keep the options short, so that they are easy to read
- Take a few moments to write a storyboard (at least the intro + one decision)

Develop



Develop

- Add text to the question box and to the answer choices
 - Copy from the storyboard
- Create feedback slides

Develop

- Create hyperlinks – Flowchart is helpful for this step
 - Right click the button
 - Select “Hyperlink”
 - Select “Place within this document”
 - Select the slide to link to
 - Click OK
- Repeat for other choices

Develop

- Add an Exit button
 - Select and draw a “Custom” Action button (the blank one)
 - In the pop-up window, select “Hyperlink to:”
 - In the drop-down menu, select “End Show”
 - Select the button and type either “Exit” or an “X”
- Add a “Try Again” button
 - Same as Exit button, but select “First Slide” from the drop down menu

Develop

- Set up the slideshow
 - Slide Show tab
 - Set Up Slide Show button
 - Select “Browsed at a Kiosk”
 - This disables standard ways to advance to next slide (both mouse and keyboard)
 - Slides *only* advance using hyperlinks
- Save As > PowerPoint Show
 - This removes the option to see and edit the slides in Normal view

Implement

- Log in to Blackboard at <http://webcourses.niu.edu>
- Enter the course the tutorial is for
- Navigate to the content area the tutorial will be in
- Select “Edit view”
- Select “Add Item”

Implement

- In the description, include the following information:
 - You will need to have either PowerPoint or the PowerPoint viewer installed on your computer to view this presentation. You can download the free PowerPoint viewer from <http://office.microsoft.com/en-us/downloads/CD102070641033.aspx>
- This link is also available in the Program Handouts on the Faculty Development website

Evaluate

- Limited – no formal way to assess
- Informal
 - Ask students for feedback
 - Compare student performance to previous semesters

Questions?

- Handouts are available at www.facdev.niu.edu/programs/handouts/branchingtutorials.shtml