Research: Challenges Lower-Semester ICT Media Design Students Face When Writing and Coding Learning Outcomes

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1. Lack of Clarity

- Students often struggle to understand what makes up a well-defined learning outcome.

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2. Structural Issues

- It might be difficult to organize thoughts logically while sticking to professional writing norms.

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3. Technical aspect

- **Programming Fundamentals**:
  (Students frequently struggle to understand programming concepts, which makes it difficult for them to efficiently code learning objectives. [(Link to Study of Difficulties research)](#)

- **Repetition**:
  The most unpleasant aspect of coding learning outcomes is repetition. Students despise copying and pasting the same lines of code over and over. Finding the write bits and ensuring that you do not mistakenly delete the tags, brackets, ruining the code.

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4. Integration of Content

- **Combining Text and Media**:
  Students struggle to seamlessly integrate written content with images or other media in their portfolios.

- **Formatting Consistency**:
  Maintaining a professional and consistent format across portfolio sections is challenging.

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7. Time Management

- **Procrastination**:
  Students frequently delay portfolio work, leading to rushed, last minute writing of the learning outcomes, that results in many errors.

- **Balancing Multiple Tasks**:
  Managing multiple assignments alongside portfolio creation can negatively impact the quality of their work.

Conclusion

Understanding the specific challenges faced by lower-semester ICT Media Design students provides valuable insights into their needs. By addressing these pain points, my tool can significantly improve their ability to produce high-quality learning outcomes.