

THE LANGUAGE OF DESIGNER'S REFLECTION

Understanding the language of designer's reflections is imperative due to its pivotal role in shaping the growth and competence of designers. Reflective writing is a cornerstone for designers' development, enabling them to dissect experiences, enhance learning, and foster professional evolution. However, conventional assessment methods fall short in objectivity and reliability. By delving into the linguistic fabric of reflections, this research not

only unveils the intricate tapestry of reflective practices but also paves the way for targeted interventions and automated tools, equipping educators to cultivate critical thinking, diverse perspectives, and refined introspection. In a field where communication is key, deciphering the language of designer's reflections becomes not just valuable, but transformative.

NATURE OF QUALITY REFLECTIONS

Diverse ways in which individuals engage in reflective writing



HOLISTIC NARRATORS

Weaving personal experiences into reflections, emphasizing learning and positive outcomes.

Describe Multiple Experiences

Brief Yet Critical Assessment

Incorporate Beliefs and Other Perspectives

Multiple Clear Intentions or Specific Learnings

IN-DEPTH EXPLORERS

Thriving on critical assessment, multiple perspectives, and detailed descriptions in reflections.



Focus on Few Experiences

In-Depth Critical Assessment

Consideration of Multiple Perspectives

Few Specific Intentions or Contextual Learnings

SHARED LINGUISTIC FEATURES OF REFLECTION COMPONENTS

The exploration of LIWC categories in relation to reflection components uncovers a nuanced symphony of language. The intricate relationship between LIWC categories and reflection components offers a nuanced lens through which to assess the quality of reflections. While LIWC analysis provides a valuable cornerstone, its significance flourishes when accompanied by qualitative assessments and contextual considerations. This synthesis of quantitative and qualitative approaches ensures the robustness and accuracy of the evaluation process.



RELEVANCE OF THE RESEARCH INSIGHTS

DESIGNERS

Guiding designers in adopting diverse reflective styles for personal growth and navigating design challenges

DESIGNER EDUCATORS

Using linguistic insights for tailored reflection guidelines to the students which enables personalized feedback

RESEARCHERS

Conducting longitudinal studies and linguistic exploration to deepen understanding of the evolution of reflective writings of designers

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The Language of Reflection: A Linguistic Exploration of
Reflection Written by Design Students
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Strategic Product Design

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