

Beyond the Teacher–Student Loop

An Expanded Feedback Model for Digital Health Education

Dr Robin Dyers · Prof Darelle van Greunen · Prof Hassan Mahomed

Stellenbosch University · Western Cape Dept of Health & Wellness · Nelson Mandela University · rdyers@sun.ac.za

INTRODUCTION

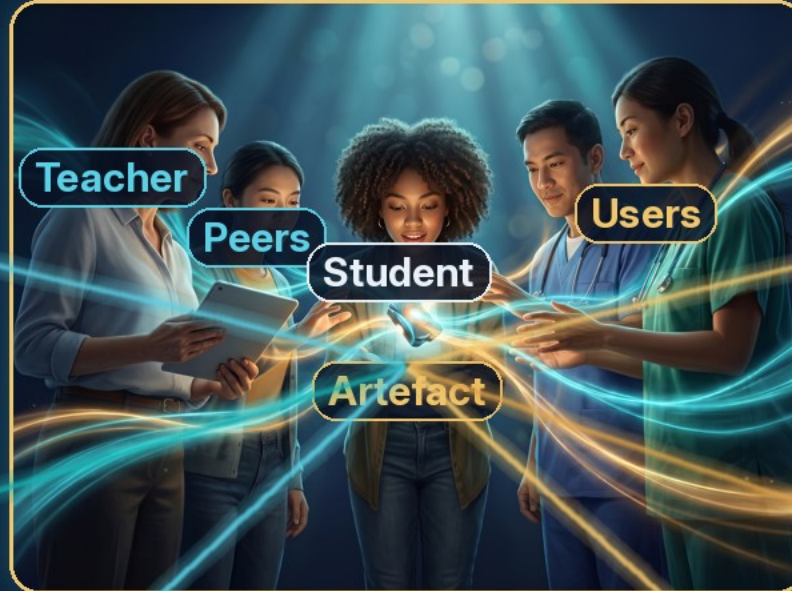
- Feedback drives learning.
- HPE uses a teacher–peer–student loop.
- Graduates must build, not just use, digital tools.

OBJECTIVES

- Reposition the artefact and its users as feedback sources.

METHODS

- Synthesis of internal and authentic feedback.
- Framed by Design Science Research.



The artefact and its users as feedback partners

THE MODEL AT A GLANCE



Shape, not consume.

RESULTS

- Student stays the hub.
- Three new feedback pathways:
 - Artefact performance
 - User response
 - Artefact as knowledge store

DISCUSSION

- Users respond to the artefact, not the student.

CONCLUSIONS

- Opens authentic learning pathways.



References

Scan for the full Harvard list (6 sources):
Carlson & Boyd 2018 · Nicol 2021 · Winter & Brocke 2021