



Queensland
University
of Technology

Exploring media architecture education with virtual design environments tools

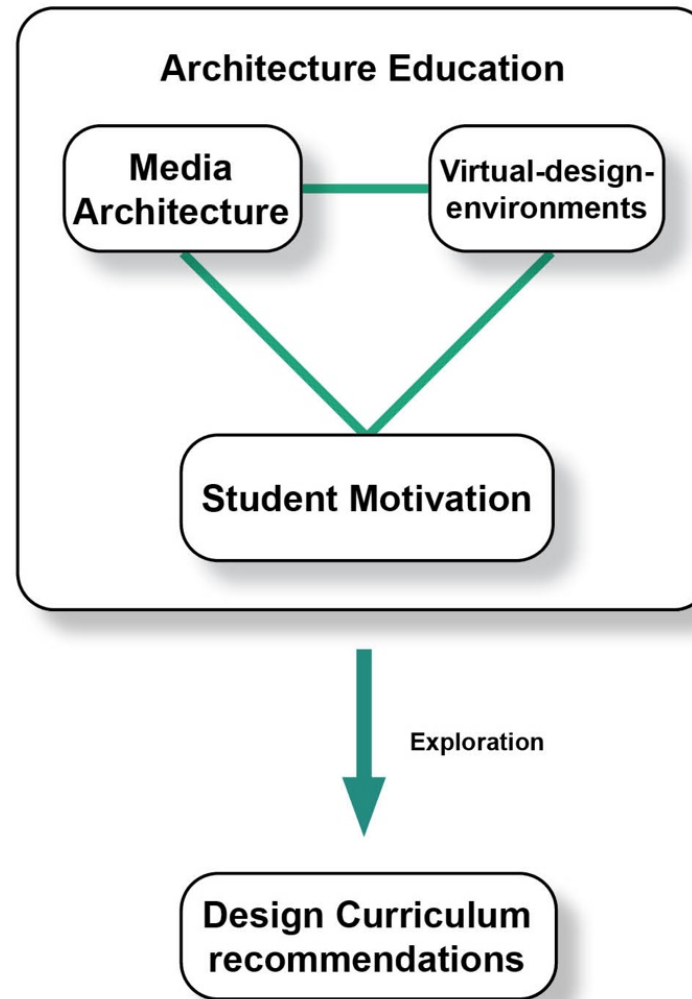
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11.11.2020

Overview



Research problem

- Need of developing education process
- Interactive structures and content
Investigating dynamic user behavior
- be virtually immersed in the design

Study Purpose

- Qualitative study
- Advanced architecture students
- Design process of Media Architecture
- AR/VR
- Student Motivation
- Queensland University of Technology,
Brisbane, Australia
- University of Applied Science Bochum,
Germany



Research aim

- how students can be educated to use technologies to empower their creations in the design of Media Architecture
- Awareness for future architects
- Investigate tools in educational context
- AR/VR can improve learning outcomes

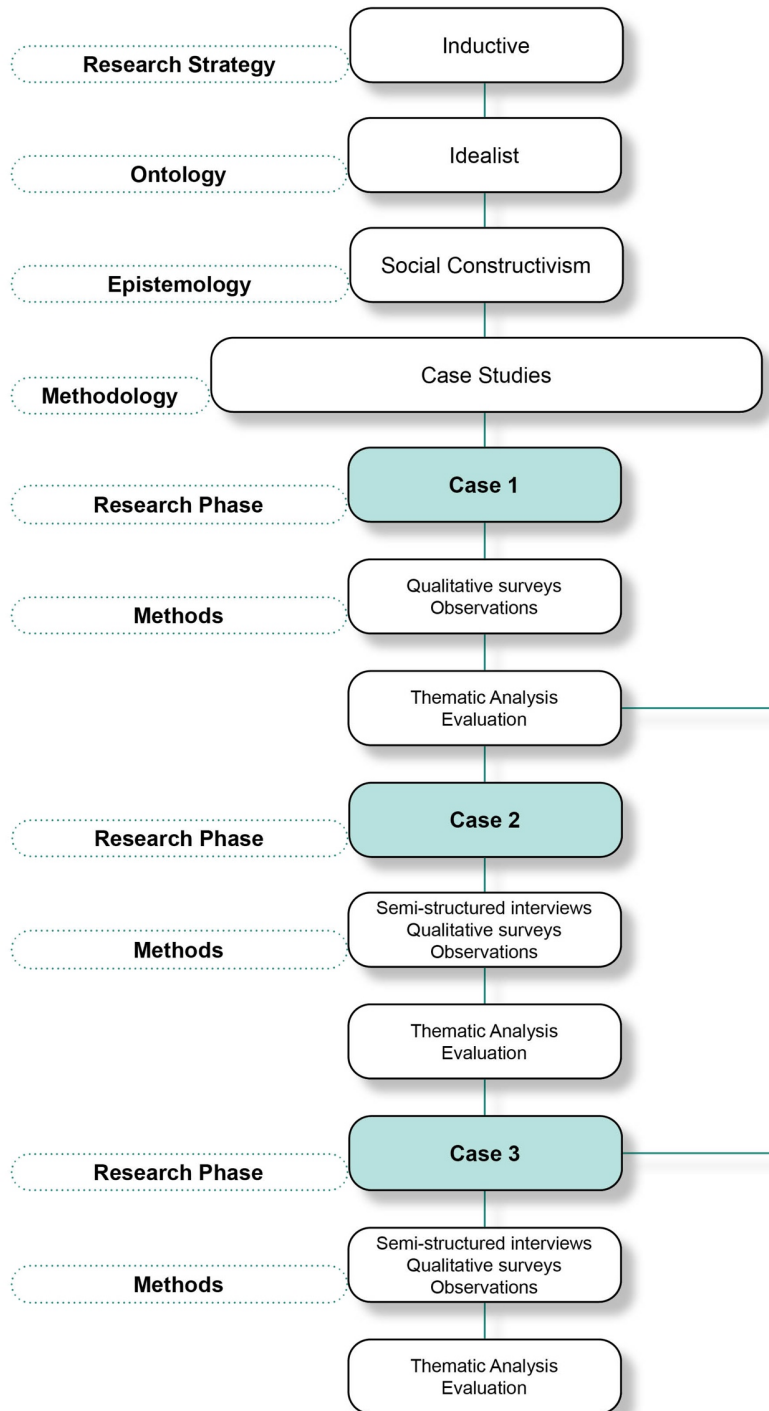
Data collection

Methods:

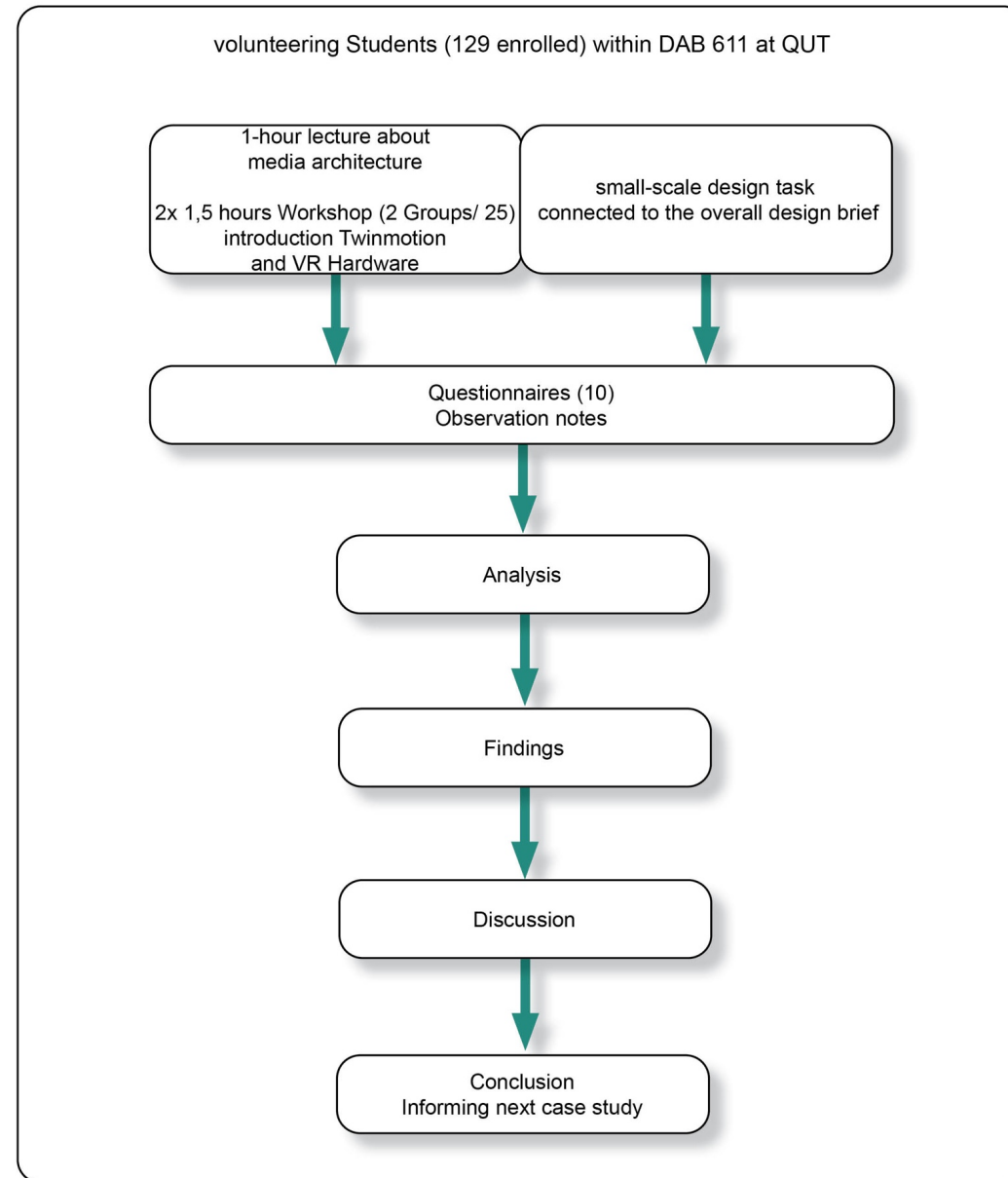
- Surveys/ Questionnaire
- Interviews
- Observation

Analysis:

- Thematic analysis



Procedere Case 1: DAB611 Queensland University of Technology

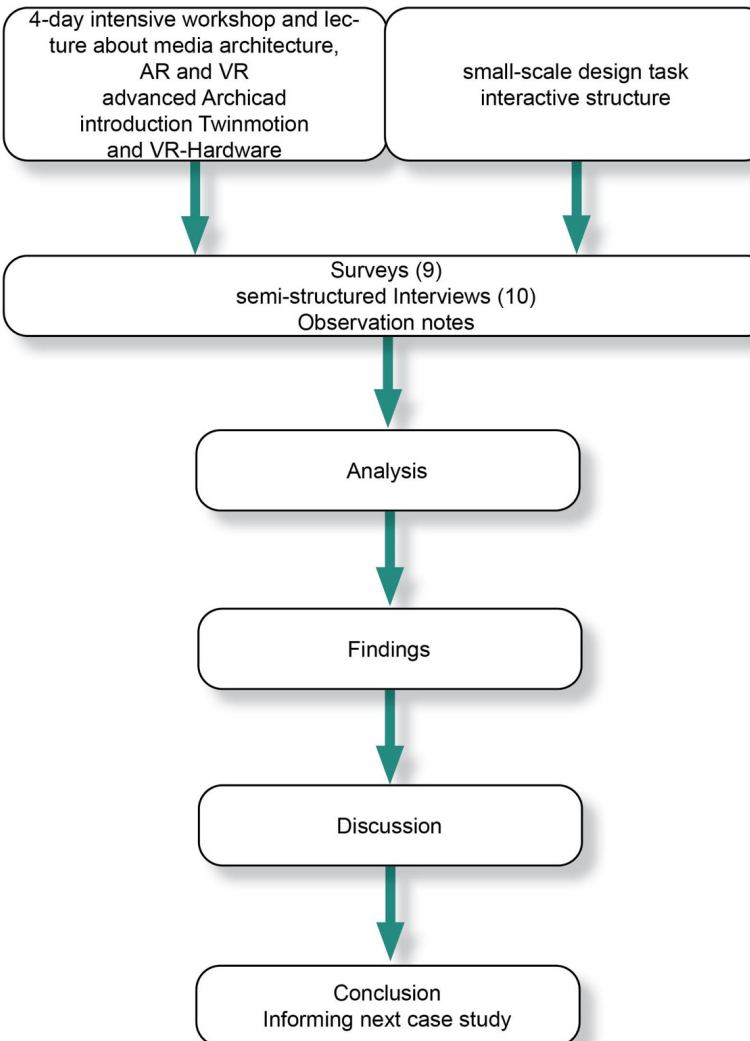


Pilot Study 1 QUT



Procedere Case 2: Bochum University

volunteering Students (28 enrolled) within CAD Advanve Class HS BO



Case Study 2 HS BO

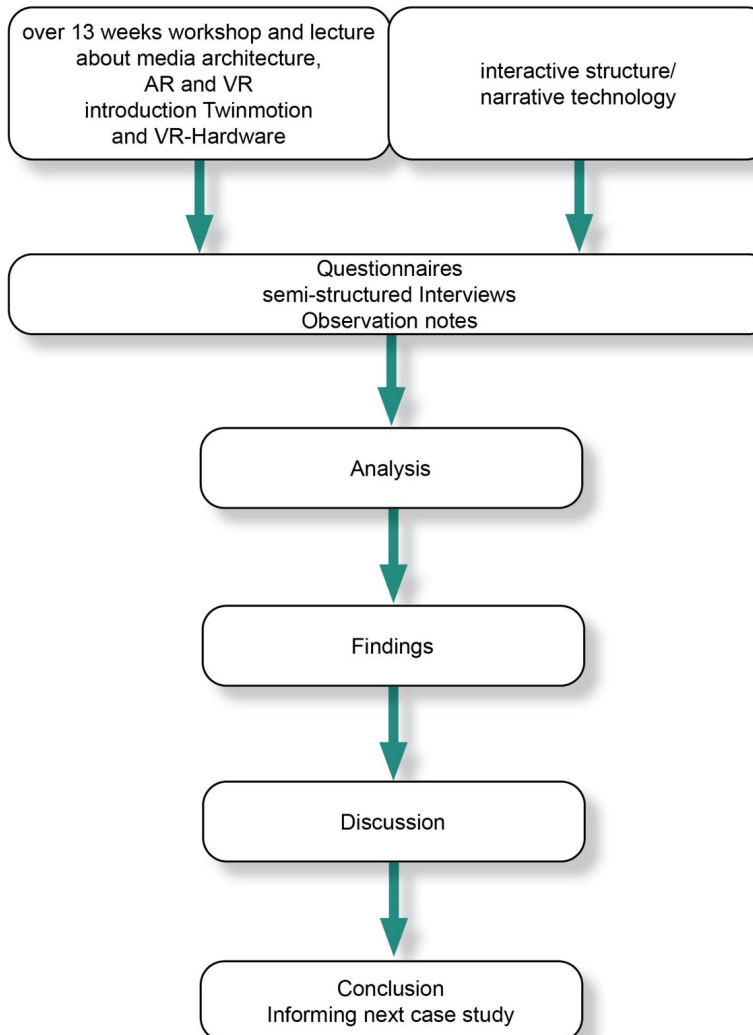


Project by Ahsen Cavlak



Procedere Case 3: DAN201 Queensland University of Technology

volunteering Students (108 enrolled) within CAD Advanve Class HS BO



Case Study 3 QUT





Into the Media Woods



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Case Study



Into the Media Woods