

Project Summary for IAL Website

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Project Title:	Project DALQI: Benchmarking Digital Course Quality, Impact & Value
Project Number:	WF25-01
Year of Approval:	2026
Funding Source:	WDARF
Objectives and intended outcomes of the project:	• Develop and validate the Digital Adult Learning Quality Index (DALQI) for measuring quality in digital adult learning • Benchmark live-online, self-paced and hybrid CET courses across providers • Identify practical implementation conditions linked to learner engagement, learning, transfer and cost-effectiveness • Produce provider-facing and policy-facing tools, including a TRAQOM/TPQA cross-walk, implementation threshold charts, a cost-per-learning-gain dashboard and a plug-and-play toolkit.
Project Team	
Principal Investigator:	Ang Yuen Siang, Assistant Professor, Singapore Institute of Technology (SIT)
Summary of Project (up to 300 words)	
Singapore's Continuing Education and Training (CET) landscape is increasingly digital, but there is still no common, evidence-based way to compare the quality and impact of live-online, self-paced and hybrid courses across providers. Project DALQI will develop and validate a Digital Adult Learning Quality Index to help measure "good" digital adult learning in a way that is meaningful for learners, providers and policy stakeholders. The project will co-design DALQI with adult learners, trainers, quality assurance staff and sector stakeholders, then pilot and validate the index using data from short-form CET courses. The study will combine learner-reported quality, user experience, inclusivity and engagement with platform usage signals, knowledge/skill outcomes, 30-day workplace transfer diaries and cost information. This will allow the research team to examine which digital delivery modes work best, under what conditions, and at what cost-per-learning-gain. The intended outputs include a validated DALQI survey, a cross-walk linking DALQI to existing quality assurance tools such as TRAQOM and TPQA/T-QF, a plug-and-play toolkit for providers, implementation threshold charts, a cost-per-learning-gain dashboard and policy/practice guidance. The findings will support SSG and CET providers in making more evidence-informed decisions about digital course quality, course redesign, funding, accreditation and adult learning outcomes.	