



**ASIA LEADERSHIP
ROUNDTABLE**

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Educational Reform and Change in the Asia Pacific Region

Design and Evaluation of Problem-Based Simulation for Management Training: Making Change Happen

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This study presents a computer based diagnostic tool developed to facilitate the use of "Making Change Happen" simulation in order to improve the learning process. The design of diagnostic tool is based on previous studies on how learners learned from the simulation, mistakes they made and conceptual knowledge they gained. The revision of the simulation is redesigned with modules that can collect information of how learners make decision in different stages of the simulation. Diagnostic modules are capable of detecting error pattern of decision making process and generating a diagnostic report to be utilized by the instructor. Furthermore, the report could be used to integrate suggestions to learner for self- directed learning capability.

