

AI-supported Digital Coaching for Occupational Safety Education

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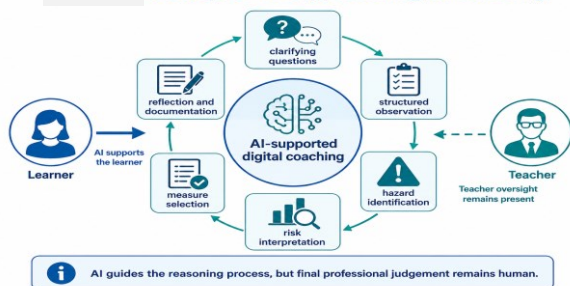
1

Background and problem



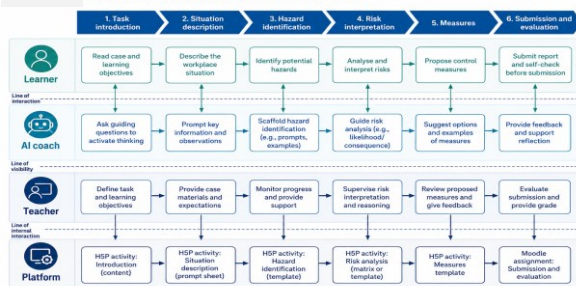
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Concept of AI-supported digital coaching



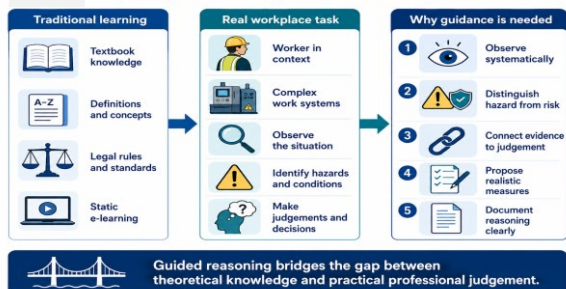
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Service blueprint / process model



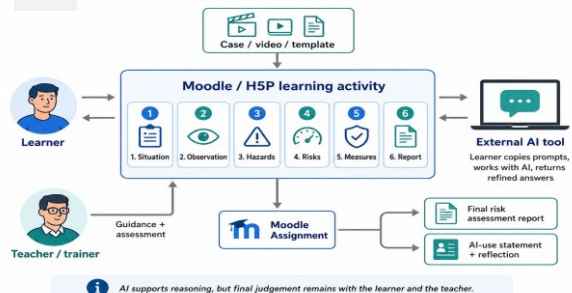
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Why occupational safety education needs guided reasoning



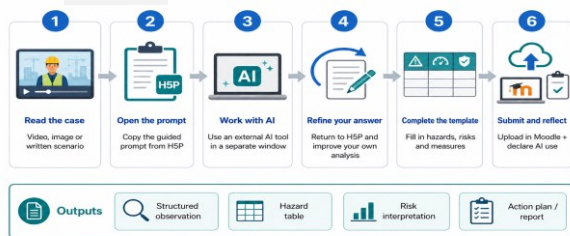
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Concept architecture of the AI-enhanced Moodle/HSP risk assessment activity



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Learner workflow in the AI-enhanced activity



The activity combines step-by-step guidance, external AI support and teacher-reviewed submission.

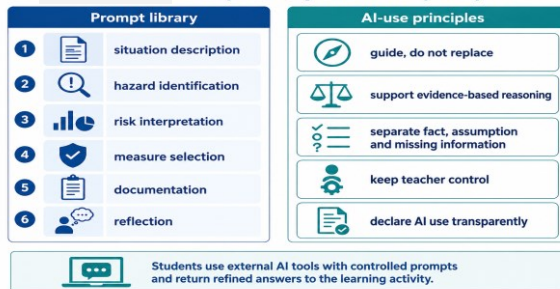
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Sample workplace scenario



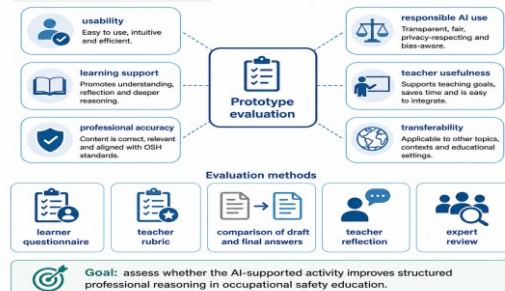
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Prompt library and AI-use principles



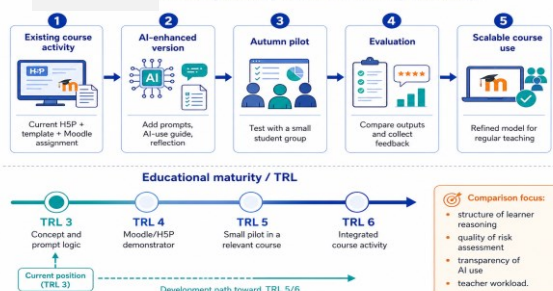
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Evaluation framework



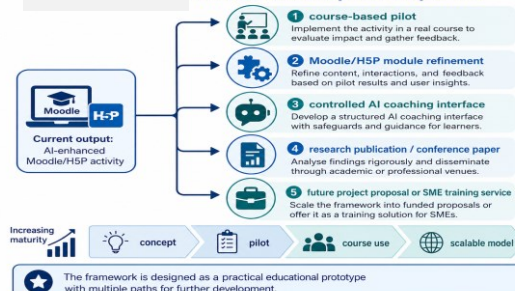
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Development, pilot and maturity roadmap



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Further development options



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