Dear Members,

We are pleased to announce that the **SIA-YAL AI (Hackathon) Challenge 2026** is back for its third edition!

Organised by the SIA – Young Architects League (YAL) in collaboration with the Practice Thrust's Digital Technology Committee (DTC), this initiative brings together members of the architectural community to learn, explore, and co-develop AI-driven solutions for real-world challenges in architectural practice.

This Hackathon is conceived as a collaborative learning platform where participants will work in teams to experiment with emerging AI technologies, translate ideas into working Proofs of Concept (PoCs) and critically reflect on how AI can meaningfully augment professional workflows in design, documentation, and practice management.

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Objectives

The SIA-YAL AI (Hackathon) Challenge 2026 aims to develop PoC solutions with the following objectives:

1. Learn and upskill in the use of Generative AI, Large Language Models (LLMs), AI models, and digital tools for long-term AI competency building within architectural practice; and

2. Explore and develop the systematic use of AI Agents and workflow-based agent systems to create practical, scalable, and responsible solutions that address real operational challenges faced by architects today.

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Participants can expect a hands-on, exploratory environment that encourages:

• Cross-disciplinary collaboration

• Rapid prototyping and experimentation

• Critical discussion on opportunities, limitations, and ethical considerations of AI in practice

Whether you are new to AI or already experimenting with digital tools, this Hackathon is designed to be accessible and beneficial to practitioners across different levels of experience.

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Registration of Interest

If you are interested in participating, please register your interest and complete a short one-minute survey via the link below:

https://tinyurl.com/AIHackathonROI

We encourage you to also share this circular and survey form with colleagues and interested parties who may wish to be part of this collaboration.

Thank you, and we look forward to your participation in shaping the future of AI-enabled architectural practice.

For more information, please visit us at https://archihackathon.com/

Warm regards,

SIA – Young Architects League (YAL)

in collaboration with

Practice Thrust's Digital Technology Committee

Singapore Institute of Architects

Enquiries

For enquiries, please email youth@sia.org.sg.

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