SocratesCode: AI-Powered Socratic Tutor for Programming

SocratesCode is an AI-powered educational assistant that transforms programming education through personalized, adaptive learning. Unlike general AI chatbots that can be manipulated for direct solutions, our system integrates cognitive load theory with generative AI to create a Socratic tutor that adapts to individual proficiency levels. The system provides worked examples, incomplete examples requiring completion, and error-based learning scenarios—all tailored to student ability.

RMIT UNIVERSITY

Supervisor: Dr. Phong Ngo, Dr. Hoang Van

SOCRATESCODE TUTORING SYSTEM

Ca Chep Team:
Thien An
Duc Anh
Anh Khoa
Minh Khoi
Dinh Khang

Our Services:

- Custom AI Chatbot Development
- Interactive Q&A with Socratic Method
- Personalized Learning through AI Chatbot
- Step-by-Step Guidance in Coding Related Subjects

I Want to learn how to Code

Try It Out

More About Us

Saigon South
702 Nguyen Van Linh,
Tan Phong Ward, District 7, HCMC
rmit.edu.vn

Project Snapshots

Get Project Poster