

Course Name : LOVABLE AI APP DEVELOPMENT TRAINING MALAYSIA
Duration : 1 Day (Physical Classroom / Virtual Live Instructor)
Skill Level : Beginner

COURSE DESCRIPTION:

This hands-on, one-day course introduces participants to Lovable, an AI-powered application development platform that enables users to build functional web applications using natural-language prompts. Designed specifically for beginners, the course guides participants through the complete AI-assisted development process—from transforming an idea into clear requirements and writing effective prompts to generating, customizing, testing, and publishing a web application.

Throughout the course, participants will gain practical experience using Lovable to create user interfaces, forms, navigation, data-driven features, and interactive functionality without the need for traditional programming. By the end of the training, participants will understand the Idea → Prompt → Build → Refine → Test → Publish workflow and will have hands-on experience building and publishing their own AI-powered web application.

WHAT WILL YOU LEARN?

In this course, participants will learn how to use Lovable to transform ideas into functional web applications using AI. They will understand the fundamentals of AI-assisted development and vibe coding, learn how to write effective prompts, plan application requirements, generate interfaces and features, and progressively improve applications through natural-language instructions.

Participants will also gain practical experience working with pages, navigation, forms, data, basic backend concepts, testing, and AI-assisted troubleshooting. The course concludes with a hands-on project where participants will build, customize, test, and publish a functional web application, providing practical experience of the complete AI-powered application development workflow.

PREREQUISITE:

Beginners. No programming or web development experience is required. Participants should have basic computer and internet skills. A laptop with internet access and a Lovable account are required for the hands-on exercises.

METHODOLOGY:

This program will be conducted with interactive lectures, PowerPoint presentations, discussions, and practical exercises. This course can be conducted as instructor-led (ILT) or virtual instructor-led training (VILT).

JOB SCOPE:

Upon completion of this course, candidates may pursue the following career paths:

- AI-Assisted Application Developer
- No-Code / Low-Code App Builder
- Digital Solutions Executive
- Business Automation Executive
- Entrepreneur / Startup App Creator

MODULE 1: INTRODUCTION TO LOVABLE & AI APP DEVELOPMENT

- Introduction to Generative AI and AI-assisted development
- What is Vibe Coding?
- What is Lovable and what can you build with it?
- Exploring the Lovable interface
- Creating your first AI-generated web application

MODULE 2: PROMPTING FOR BETTER APPLICATIONS

- Turning an idea into application requirements
- Writing effective prompts for Lovable
- Defining pages, features, content, and design
- Improving results through iterative prompting
- Common prompting mistakes and best practices

MODULE 3: BUILDING & CUSTOMIZING YOUR APPLICATION

- Generating a web application from a prompt
- Working with pages and navigation
- Adding forms, buttons, and interactive components
- Customizing layouts, content, and visual design
- Making changes using natural-language instructions
- Previewing desktop and mobile versions

MODULE 4: ADDING DATA & APPLICATION FEATURES

- Understanding frontend, backend, and databases in simple terms
- Storing and displaying application data
- Introduction to user authentication
- Introduction to APIs and integrations
- Adding practical functionality to your application

MODULE 5: TESTING & TROUBLESHOOTING WITH AI

- Testing buttons, forms, links, and application features
- Testing mobile responsiveness
- Identifying application problems
- Describing errors clearly to AI
- Using Lovable to troubleshoot and improve the application
- Basic security and responsible AI practices

MODULE 6: PUBLISHING YOUR APPLICATION

- Preparing the application for publishing
- Final testing and review
- Publishing your application
- Creating a shareable live URL
- Updating a published application
- Introduction to custom domains

HANDS-ON FINAL PROJECT

Participants will build and publish a functional web application using Lovable.

Example projects include:

- Expense Tracker
- Training Registration App
- Customer Feedback App
- Employee Leave Request App
- Personal Task Manager
- Event Registration App
- Small Business Dashboard

FINAL WORKFLOW: Idea → Prompt → Build → Customize → Test → Publish

CONCLUSION & Q&A

- Review of key concepts
- Lovable best practices
- Next steps in AI-powered application development
- Useful learning resources
- Q&A