



POWER APPS FOR BUSINESS

Course ID : POWER-APPS



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Duration: 2 Days

(12 Hours) 09:00 AM – 04:00 PM



Price: 9,500 THB

* (excluding VAT 7%)

* Eligible for 200% tax deduction



Training Schedule

www.9experttraining.com

Category: Power Platform, Development

Power Apps enables power users to rapidly develop mobile and tablet applications with minimal coding and low cost by leveraging a low-code platform. This course teaches business application development using Power Apps in conjunction with Power Automate, focusing on low-code techniques for data management, workflow automation, Power BI integration, barcode scanning, and mobile camera functionality. Participants will learn how to store data in SharePoint and Excel Online and will engage in hands-on workshops to

build employee management systems, email notification applications, and inventory management solutions.

Objectives

1. Understand the core capabilities of Power Apps.
2. Build applications for searching, editing, and deleting data, with storage in SharePoint and Excel Online.
3. Trigger and manage workflows in Power Automate directly from Power Apps.
4. Create charts and integrate Power BI reports within Power Apps.

Target Audience

1. Citizen Developers and Power Users who want to develop simple applications using Power Apps.
2. Developers interested in low-code application development.
3. IT Directors and IT Management.

Prerequisites

1. No prior experience with Power Apps is required.
2. Basic knowledge of Excel functions and formulas.

System Requirements

- Windows 10 or Windows 11
- License : Microsoft 365 (Business Basic or higher)
- Mobile/Tablet:
 - Android 7 or latest version.
 - iOS 12 or latest version.
- Google Chrome or Microsoft Edge (latest version recommended).

TRAINING TOPICS



DAY 1 Morning Session

9:00 AM – 12:00 PM

1. Getting Started with Power Apps

- Introduction to the Power Platform
- Overview and core concepts of Power Apps
- Licensing options and app types
- Creating Canvas, Mobile, and Tablet apps
- App configuration and navigating Power Apps Studio

2. Understanding Connectors

- Overview of connectors and their roles
- Standard vs. premium connectors



DAY 1 Afternoon Session

1:00 PM – 4:00 PM

3. Building Apps from Data Sources

- Developing applications using data sources such as SharePoint and Excel
- Creating browse, detail, and edit screens from data sources
- Managing data display, sorting, and ordering
- Customizing controls for improved data presentation
- Publishing applications and configuring app security
- Deploying applications for mobile and tablet environments
- Case study: Building an employee management application with search, edit, delete, and camera integration

4. Key Controls in Power Apps

- Buttons, Text, Labels, Forms, Galleries, Data Cards, and Date Pickers

5. Customizing Apps with Power Fx

- Introduction to Microsoft Power Fx, the formula language for low-code platforms
- Using the formula bar effectively
- Working with text, numbers, and dates
- Adding comments and using operators
- Displaying user names, images, and email information
- Creating new screens and enabling navigation
- Implementing phone call commands, app linking, website navigation, and email sending

6. Advanced Formulas in Power Apps

- Applying conditional logic with Power Fx
- Using variables and understanding scope
- Search and filter functions for data retrieval
- Using dropdown lists for data filtering
- Performing cross-dataset lookups

7. Data Management

- Managing data in Microsoft 365 for recording, editing, and searching within Power Apps
- Linking app screens to data sources
- Configuring data display, sorting, and ordering
- Working with collections and tables for data handling
- Using forms to enable data entry
- Adding, editing, and deleting records
- Saving and displaying images as Base64-encoded text
- Case study: Building a product/service search system with image display and website integration, with data stored in Excel Online

8. Integrating Power Automate with Power Apps

- Introduction to RPA concepts and Microsoft Power Automate
- Creating workflows using Power Automate
- Configuring workflow triggers from Power Apps
- Passing parameters between Power Apps and Power Automate
- Sending email notifications via Power Automate
- Case study: Implementing email notifications through applications

9. Reporting and Power BI Integration

- Introduction to Power BI tiles
- Embedding Power BI tiles in Power Apps
- Case study: Displaying Power BI summary reports inside applications



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