

MEDTECH ORGANISATION | IRELAND

Targeted Power Apps Coaching Turns Self-Learning Into Delivery

Ten weekly one-to-one sessions helped an engineer deliver a live Power App while learning the practices needed to build maintainable solutions independently.

Customer: Engineer within a large MedTech organisation



THE CHALLENGE

Our client, an engineer within a large MedTech organisation, had identified an opportunity to improve a manual business process through digital transformation. The existing process involved raising a database change request form, or DBM, every time users needed to add a device to an SQL table. However, our client recognised that he could speed up this process by using a validated Power App to add or remove devices, eliminating the need to complete a database change request each time.

Our client had already built some simple Power Apps through self-learning but felt he needed to develop the skills and best practices to build more complex, maintainable solutions. His insight was absolutely on target. Many organisations adopt Microsoft Power Apps because it enables business users to build solutions without traditional software development expertise.

However, while Power Apps is accessible, developing robust business applications still requires good design decisions and sound architecture.

THE APPROACH

Dataworks provided 10 weekly coaching sessions to bridge the gap between self-learning and practical project delivery. Rather than delivering generic training, this collaboration focused on digitalising an existing process.

The weekly sessions started with gathering project requirements and progressed to project completion. Each session was dedicated to progressing the app while also learning Power Apps best practices and skills.

COACHING — WEEK BY WEEK

1

WEEK 1 | REQUIREMENTS

The first session was dedicated to gathering the app requirements. This is a critical stage in any development project because early requirements often shape the app's design, structure and functionality. For inexperienced developers, this is where projects can go wrong, as *they may settle on an approach that appears workable at first but later becomes inefficient, difficult to maintain or unable to support the full requirements.*

2

WEEK 2 | FOUNDATIONS

Involved creating a reusable template and connecting data sources. *Part of this session was dedicated to identifying gaps in the mentee's knowledge.* For example, our client requested guidance on transferring data between screens. This was a particular pain point which held him back and caused previous apps to grow in complexity. was able to immediately simplify their app design.

3

WEEKS 3–5 | DEVELOPMENT

By the third session, we were seeing significant results. The app had several screens including galleries to view data from SQL and forms to submit and edit data. The Power App continued to taking shape as the mentee built confidence and gained understanding of good Power Apps development standards.

4

WEEKS 6–8 | ENHANCED FUNCTIONALITY

Over the next three sessions, we introduced more complex concepts to improve user experience, app styling and app functionality. Topics ranged from user interface enhancements such as conditional formatting through to more advanced concepts including Patch functions, collections and iterative processing with For All.

5

WEEK 9 | TESTING AND DEBUGGING

In the second last session the app was complete, and ready for testing. This can be a difficult stage in app development as bugs can be hidden, intermittent and hard to fix. With the expert advice of Dataworks our client was able to learn practical debugging techniques.

6

WEEK 10 | WRAP-UP

The final session was to facilitate learning concepts and functionality in Power Apps not already covered. This included adding an Office365 User search, implementing role-based authentication and designing an app that can dynamically scale to mobile, tablet or desktop.

Benefits for the Mentee and Organisation

Targeted Power Apps coaching

10
weekly
sessions

“ CLIENT FEEDBACK

The one-to-one training with Dataworks was fantastic. Being self-taught, I had developed approaches that could easily have become bad habits. Dataworks helped put me on the right track and showed me the proper way to work with Power Apps. The training has already helped me get ahead on an upcoming project and has given me confidence that I'm approaching things correctly.

POWER APPS MENTEE

CORE BUSINESS BENEFITS

By the end of the mentoring programme, our client had delivered an application that solved a real business problem while developing the skills needed to tackle future projects independently.

01 Accelerated Project Delivery

By eliminating uncertainty and providing clear direction from the outset, the project moved more smoothly and quickly towards its delivery goals.

02 Reduced Project Risk

Early mentoring helped identify and address potential issues and common mistakes before they became embedded in the solution.

03 Adoption of Best Practices

The engagement replaced inefficient development habits with proven practices, resulting in higher-quality solutions and a more sustainable approach.

04 Increased Confidence and Capability

The participant gained confidence in the ability to design, build and maintain solutions independently.

05 Faster Return on Investment

Knowledge gained through mentoring was applied immediately to a live business initiative, shortening the learning curve and delivering value from day one.

06 Stronger Long-Term Adoption

Mentoring provides a scalable model for internal capability, helping organisations improve solution quality and maximise their Microsoft technology investments.

CONCLUSION

One-to-one mentoring and coaching demonstrated benefits that go far beyond traditional training. Organisations can accelerate project delivery, reduce risk, improve development quality and build lasting confidence in Power Apps.

For businesses looking to expand their use of Power Apps, mentoring at the start of a project can be the difference between simply learning the technology and successfully delivering measurable business outcomes.

Discuss a Power Apps coaching programme**+353 (0)51 878 555 | www.dataworks.ie**

Build internal capability while progressing a real business application.