infopulse

KERNEL

Building a Workspace Booking Application on Microsoft Power Platform for a Leading Agricultural Producer_

Industry: Agriculture **Location:** Ukraine **Employees:** 11 000+

Client Background

Founded in 1994, Kernel Holding is now a major Ukrainian producer of sunflower oil, grains, and seeds, taking a leading role in exporting agricultural products to over 80 countries around the world. The company has become the second Ukrainian company to trade its shares on the Warsaw Stock Exchange.

Website: www.kernel.ua

Business Challenge

Kernel needed to modernize the workspace booking process that would provide their employees with a simpler and faster way to reserve shared meeting rooms in Kernel head office. Our client was looking for a solution that would not require much time to develop or excessive costs for purchasing additional licenses and would simply fit into Kernel's Microsoft 365 ecosystem. Kernel addressed Infopulse, as a long-standing partner of Microsoft and an experienced low-code/no-code application development vendor, to help them accomplish such goals:

- Create a tablet-oriented mobile application (iPad) with a familiar corporate design that would respond to the needs of business users
- Provide current room status on a meeting room display
- Allow checking the current status of a room from tablets
- Enable integration with Microsoft Exchange to book a free slot through Microsoft Outlook
- Automate the administrator's tasks of supervising the booking process.

Solution

Having extensive expertise in low-code development and end-to-end Microsoft Power Platform services, Infopulse offered the client to build a canvas app based on Microsoft Power Apps, with the latter already being available via Kernel's Microsoft 365 subscription.

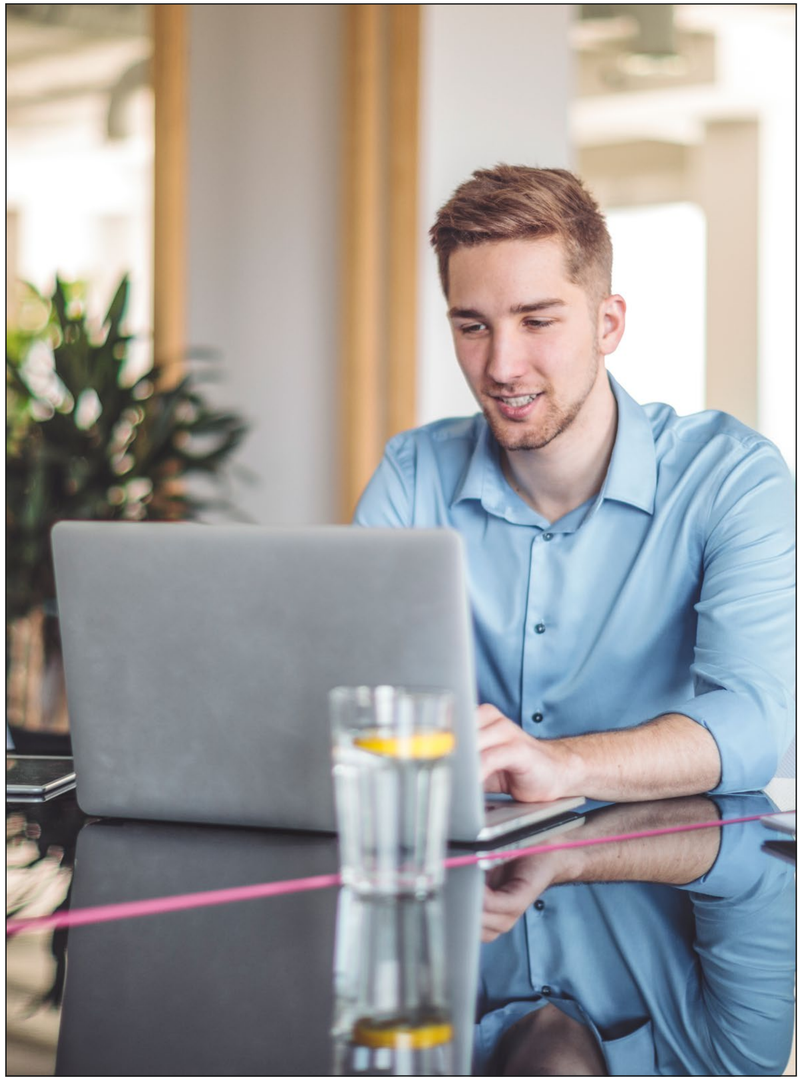
In just three days, Infopulse delivered a corporate mobile application for booking meeting rooms in the Kernel's main office fully corresponding to the client's goals.

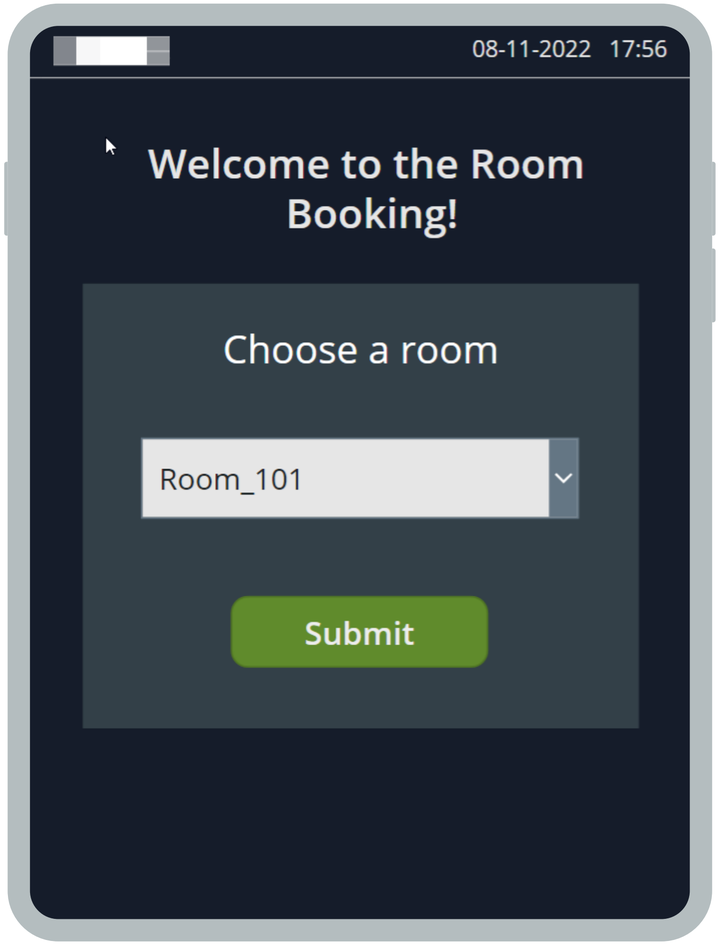
The app allows for:

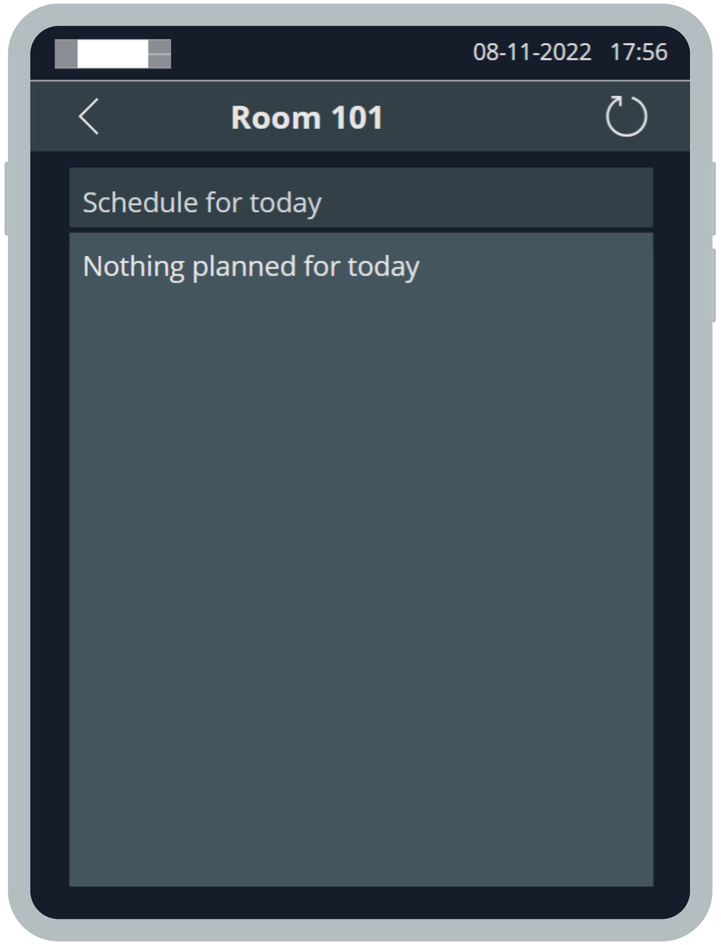
- A quicker and more transparent method to reserve the office workspace
- Showing current room status and schedule on a meeting room display – booked, occupied, or available for reservation
- Always up-to-date booking information on a specific room with data stored in SharePoint Online
- Integration with Microsoft Exchange for booking a meeting room using Microsoft Outlook

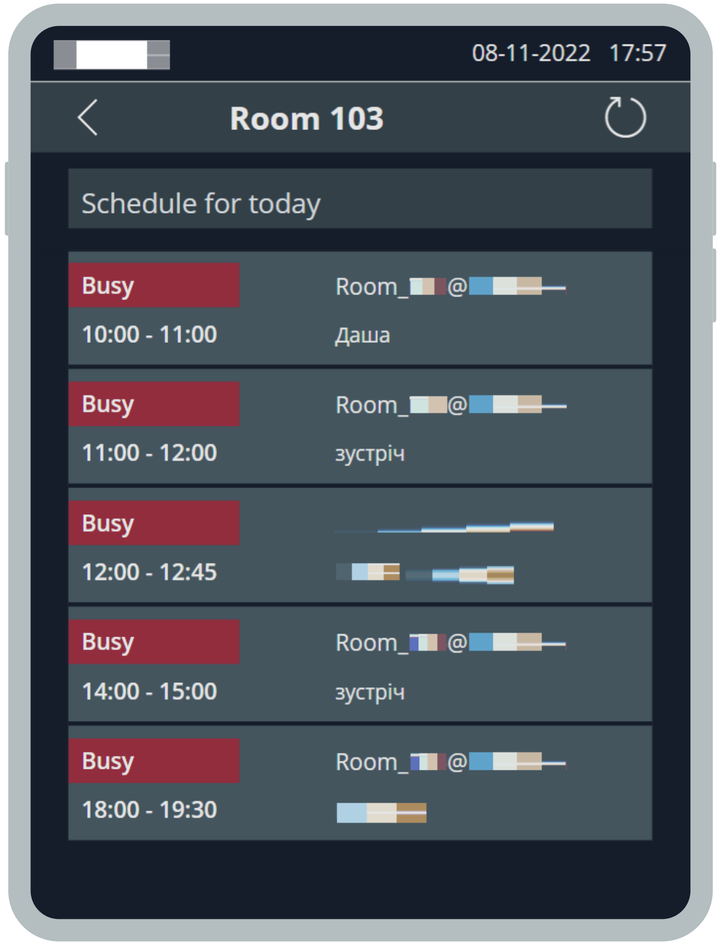
The scope of services Infopulse delivered comprised:

- The analysis of the existing IT environment and business analysis
- The application design and development (including room booking forms)
- Enabling connection with the external data sources
- The two-way Power Apps integration with Microsoft Exchange
- Aligning the UX/UI design of an app with the corporate design
- Connecting to Microsoft Outlook to receive notifications

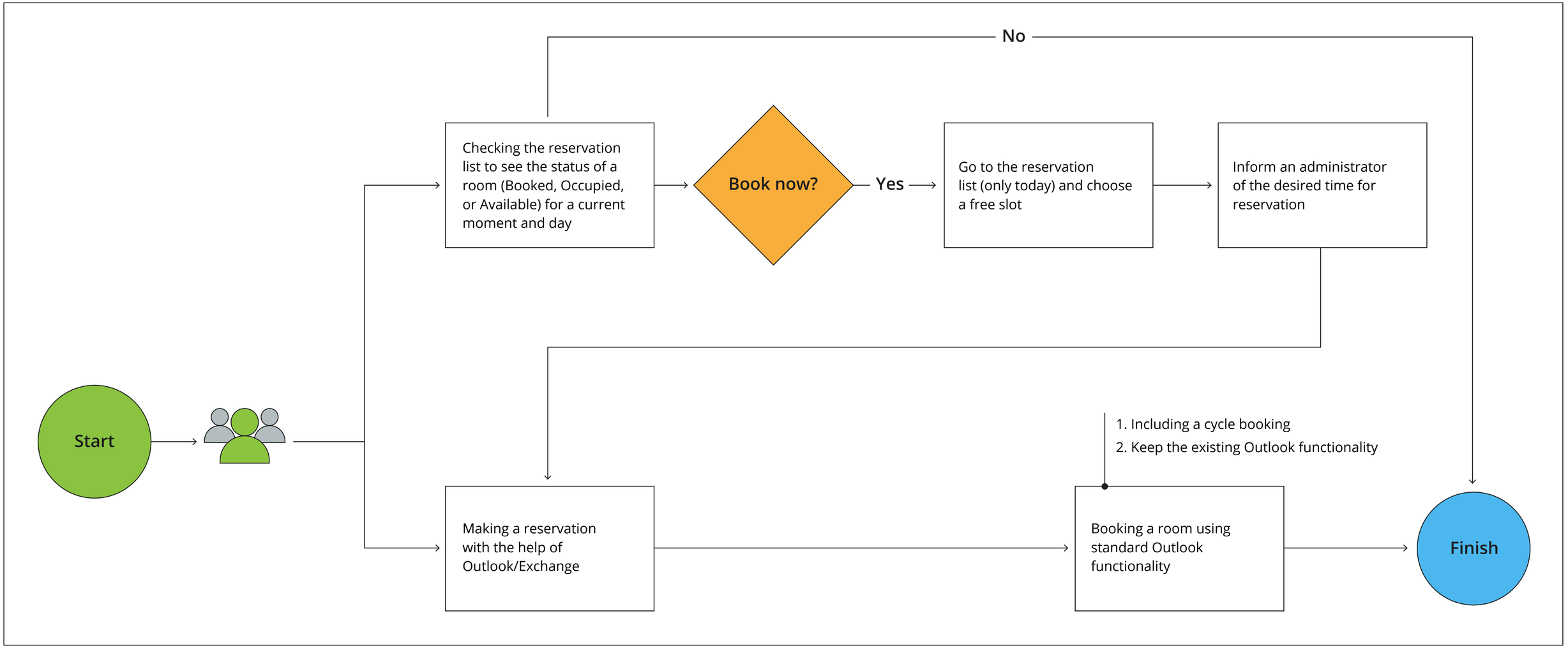



08-11-2022 17:56
Welcome to the Room Booking!
Choose a room
Room_101
Submit


08-11-2022 17:56
Room 101
Schedule for today
Nothing planned for today


08-11-2022 17:57
Room 103
Schedule for today
Busy
Room_ @
10:00 - 11:00
Даша
Busy
Room_ @
11:00 - 12:00
зустріч
Busy
12:00 - 12:45
Busy
Room_ @
14:00 - 15:00
зустріч
Busy
Room_ @
18:00 - 19:30

The algorithm behind the room booking process



Technologies

Microsoft Power Apps Canvas

Microsoft Exchange

Azure Integration Services

Power Automate

PCF

Business Value

The low-code application built by Infopulse with Microsoft Power Apps in such a short time received positive feedback from Kernel's top management and business users who could gain from:

- Automated administrator's tasks focused on the manual overseeing of booking information
- Reduced time needed for the approval of a meeting room reservation by the Kernel's administrator
- Improved business users' experience thanks to a simple and easy-to-interact user interface
- Familiar Outlook Calendar functionality decreased the learning curve and helped business users get started with the new application almost immediately.

About Infopulse

Infopulse, part of the leading Nordic digital services company Tietoevry, is an international vendor of services in the areas of Software R&D, Application Management, Cloud & IT Operations, and Cybersecurity to SMEs and Fortune 100 companies across the globe. Founded in 1991, the company has a team of over 2,300 professionals and is represented in 7 countries across Europe and the Americas.

Infopulse is trusted by many established brands, such as BICS, Bosch, British American Tobacco, Credit Agricole, Delta Wilmar, ING Bank, Microsoft, Offshore Norge, OLX Group, OTP Bank, SAP, UkrSibbank BNP Paribas Group, Vodafone, Zeppelin Group, and others.

For more information, please visit **www.infopulse.com**

Contact us

PL +48 (221) 032-442

DE +49 (69) 505-060-4719

US +1 (888) 339-75-56

UK +44 (8455) 280-080

UA +38 (044) 585-25-00

BG +359 (876) 92-30-90

BR +55 (21) 99298-3389

info@infopulse.com