



Toronto
Metropolitan
University

Ted Rogers
School of
Management

CASE STUDY

Overview

Toronto Metropolitan University (Formerly Ryerson University) conducted successful bootcamps with the help of Spektra Systems' CloudLabs Platform

Toronto Metropolitan University is Canada's leader in innovative, career-oriented education and a university clearly on the move. Located in downtown Toronto, it is a distinctly urban university with a focus on innovation and entrepreneurship. Toronto Metropolitan University has a mission to serve societal needs and a long-standing commitment to engaging its community.

The university offers more than 100 undergraduate and graduate programs. The most applied-to university in Ontario relative to available spaces, Toronto Metropolitan University's reputation with business and community leaders continues to rise.

Bootcamps in Toronto Metropolitan University

Bootcamps at the Ted Rogers School of Management in Toronto Metropolitan University provides students with opportunities to continuously upgrade and enhance their technical skills through industry and facilitator-led bootcamps. Attending these bootcamps provide students with fast access to industry-relevant training to bridge the gap between curriculum and market needs.



Challenge

Using CloudLabs Lab Environments for Bootcamps

Bootcamps at the Ted Rogers School of Management needed a lab environment that was easy-to-use for the attendees and had the ability to integrate with Microsoft Power Platform which was to be used for the bootcamps. This came as a direct result of trying out new approach and creating a hypothetical business scenario with the help of these bootcamps.

The business scenario for these bootcamps was that the employees needed to undergo a hardware refresh cycle for mobile phone once every two years. If employees were to request a new phone, they would reach out to the manager via email. Once approved, a senior manager would give the further approval. Moreover, another round of email communication would be required for the employees to provide the shipping and tracking details.



This long activity required an app-based solution that would automate the entire process and make it more streamlined. For building this solution, the attendees needed to make use of specific technologies such as Microsoft Power Apps, Model-driven Apps, Power Automate, and Power Virtual Agents.

The lab environments needed to be as less complex as possible as the attendees would not want to waste time on configuring the lab by themselves. The labs also needed to be scalable for allocating lab environments to all the attendees. Moreover, the deployment of the environment needed to be fast in order to save time for the participants and the facilitators.

Solution

CloudLabs worked with the Ted Rogers School to conduct the bootcamps and offered multiple solutions to solve the above challenges.

1. Fast Deployment of Power Platform Environments

The labs required by the university needed to be deployed at a rapid pace, so that the facilitators could save time and focus on demonstrating the overall lab environment. CloudLabs offered Power Platform lab environments that were allocated to each attendee and were deployed within minutes.

2. Lab Environments with enhanced Scalability

The bootcamps consisted of multiple attendees and it was crucial to allocate a dedicated lab environment to each attendee for Power Platform capabilities. CloudLabs handled this situation by using its scalability feature to provide lab environments for every attendee. At any time, labs could be scaled up or down depending on the total members in the bootcamps.

3. Minimized cost

The lab environments followed a pricing model based on lab consumption. Furthermore, CloudLabs eliminated IT infrastructure, management, and maintenance, resulting in heavily optimized costs.

4. Ready to use Lab Environments with Licenses

CloudLabs offered lab environments that were ready to use as all the licenses required for accessing the features of Microsoft Power Platform were provided. This eliminated the need for an attendee to buy the licenses separately.

5. Shadow Lab Environment for Assistance

CloudLabs provided the shadow feature by which the facilitators in the bootcamps took control of the attendees' lab environments and provided them with the required assistance in real-time.

6. 24/7 Instant Support

CloudLabs support team provided real-time assistance to solve technical and non-technical problems to make sure that bootcamps continue to run smoothly at all times.

Result

The attendees completed activities to build a mobile phone ordering app with the help of Microsoft Power Apps, Power Virtual Agents and other technologies. The lab environments offered by CloudLabs played a major role in the bootcamps.

Additional benefits to Bootcamps at the Ted Rogers School include:

- Reduced maintenance costs by IT-independent infrastructure
- Ability of lab environments to be accessed anywhere
- Seamless and efficient interface of lab environment with high flexibility
- Progress tracking of attendees to provide assistance when needed
- Full control and access to instructors and facilitators

CloudLabs lets the facilitators guide the attendees and collaborate with each other to demonstrate different capabilities of the lab environments in real time.



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