



Point of View

# Get Smarter with Low-Code Application Platform

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## About the Author - Anuya Telang



**Anuya Telang** is a seasoned leader in Digital Transformation with more than 20 years of experience in portfolio management, consulting, program and service delivery, sales, operations and people management. She has led various programs in Digital Workforce Transformation and Modern Workplace. Currently leading the Microsoft Low Code Practice within LTIMindtree's Digital Engineering with focus on Power Apps.

# Preface

Have you ever wondered if you had a genie in the office that could take commands from you to run your tasks while you sip on your coffee at your work desk and still be more intelligent than the rest? This genie is none other than your LCAP (Low-Code Application Platform) companion on the Digital Transformation journey that organizations have embarked on to make your work life simpler and more intelligent.

**In this article, we will find out how Low-Code delivers Experience @ Speed and enables Digital Transformation for businesses.**

Microsoft Power Platform is a Leader in the Low-Code space and has greatly enabled process automation, modernization of legacy apps, and solved large-scale business problems.



# What does Low-Code mean

On a lighter note, it means fewer bugs and fewer visits to the stack overflow site.

Low-Code is a software development approach that does not need knowledge of syntactical coding. Just point and click on the components you need, gather them, apply steps for any workflows if required, and there you go - you have a ready-to-use application.

Regardless of their technical expertise or any formal training in programming, users, aka "citizen developers," can now simplify their work by creating workflow applications and time-saving automation.

**So, what will you call someone who uses low-code no-code as a coding platform, coder, or no-coder?**

# What does Low-Code solve

Low-Code platforms provide for all that are spin-offs of Digital Transformation:



Organizations must increasingly become what Gartner is calling a "composable enterprise."

Low-Code / No-Code organizations in 2022 and beyond can embrace IT and business staff fusion, empowering them with applications to speed up the time to market for new solutions.



## Digital Transformation

Enterprises can retool underlying business or operational processes and transform them into digital assets by developing custom applications. This is because the LCNC platform enables drag-and-drop programming with built-in templates.



## Legacy Application Modernization

Migrating legacy apps to modern web and mobile-based apps using Low-Code platforms. visual drag and drop interface. This reduces the steep learning curve for legacy app developers leading to cost reduction and increased productivity.



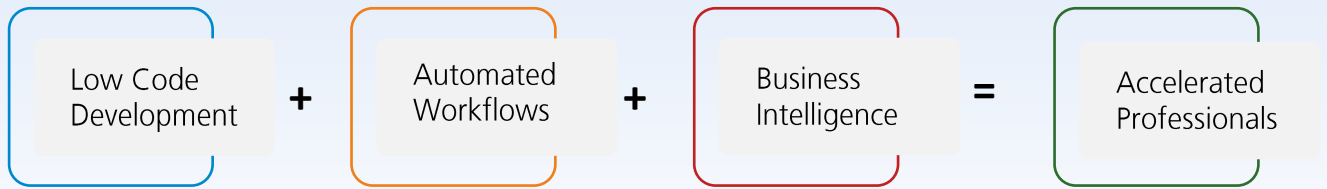
## Managing Long Tail Apps

Due to the lack of resources and budget, long tail applications are built using non-standard technologies. Low-Code platforms prevent the problem of shadow IT by providing a visual drag-and-drop interface that allows business users to develop these apps within the purview of IT.



## Rapid Prototyping

By their visual drag-and-drop rapid app dev methodology, ready connectors, and automated flows, Low-Code Platforms enable the development of fully functional interactive prototypes.



Having witnessed the fruits of automation, businesses are now utilizing hyper-automation to achieve digital transformation. Hyperautomation is a business-driven approach that organizations use to rapidly identify, validate and automate as many business and IT processes as possible. Hyperautomation is ‘Automation Processes Made Intelligent’ through robotic process automation, machine learning, natural language processing, business process management, and more.

Organizations have well understood that time is of the essence when it comes to Digital Transformation. Low-Code platforms have emerged as key components of successful hyper-automation because they are tools that support automation initiatives. In addition, these platforms help accelerate productivity and achieve faster results in areas where enterprises lack access to relevant resources to meet their business needs.



# Microsoft Power Platform

## A leader in Low-Code enablement

Microsoft Power Platform ties together best-in-class services: Power BI, Power Apps, Power Automate, Power Portals, and Power Virtual Agents.



### Power BI

It is Microsoft's business analytics service. It provides real-time insights from data to create rich visualizations and highly personalized reports on mobile and desktop.



### Power Apps

It is a no-code / Low-Code environment for building mobile-friendly business apps. These apps connect to hundreds of popular third-party systems and exist within other Microsoft business applications, such as MS Teams.



### Power Virtual Agents

It is a guided, no-code graphical interface to create intelligent bots easily. These AI-powered capabilities help deliver personalized bot conversations to resolve customer issues and automate common questions.



### Power Pages

It helps create external-facing websites that allow users outside the organization to sign in with a wide variety of identities or even browse content anonymously.

# Microsoft Power Platform

The low code platform that spans Microsoft 365, Azure, Dynamics 365, and standalone apps



**Power BI**

Business Analytics



**Power Apps**

App Development



**Power Automate**

Business Analytics



**Power Virtual Agents**

Intelligent Virtual Agents



**Power Pages**

External-facing Websites



**Data connectors**



**AI Builders**



**Dataverse**



# Power Apps now, everyone is a developer

Power Apps by Microsoft is an application creator that enables users to build mobile and web-based forms and apps with low or no code. Power Apps gives organizations a Low-Code environment with templates, connectors, and services to make customized solutions.

Gartner coined the term "citizen developer," which refers to business users with little or no coding experience who build applications using no-code or low-code technology. Traditionally, creating these business applications falls under the responsibility of the IT department. But the elements of Microsoft Power Platform have empowered users to make applications by themselves with little or no assistance.

Citizen developers can create applications for themselves or share apps with others, or even more, be part of larger fusion teams.

A Fusion Team is a team within an organization where Citizen Developers and Pro Developers work together to innovate, accelerate and transform rapidly. Fusion teams often require addressing a customer problem quickly by creating minimum viable products (MVPs) and iterating until they get the complete solution right. This is possible through low-code platforms like Power Apps that enable rapid prototyping, providing an omni-channel experience.



# Power Platform Governance

Power platform indeed puts the power in the hands of citizens. To empower citizen developers to create apps responsibly, organizations need guardrails to ensure projects stay secure and compliant with regulations like GDPR.

Low-Code adoption can dramatically improve delivery velocity and business agility with a well-structured and executed governance model to avoid typical pitfalls. Organizations need to make the right decisions in three key areas:



**Selecting the proper use cases for citizen development**



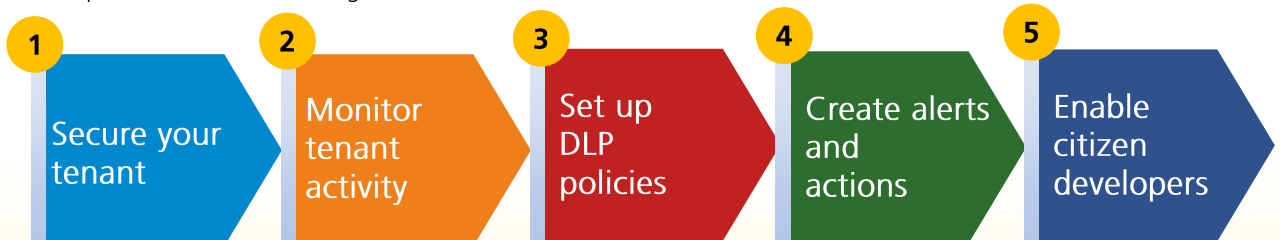
**Establishing citizen development guardrails that protect the organization and employees from vulnerabilities and data loss**



**Enabling and empowering citizen developers**

Establishing a CoE, or Center of Excellence for Microsoft's Power Platform, helps create a safe framework in which Citizen Developers can create secure, compliant, and transparent apps.

Steps to achieve effective governance:



# LTIMindtree's enablers to solve using LCAP

## Our Enablers

### FastLane Assessment



A solution that identifies use cases for acceleration in the transformation journey

### ARCoT Framework



Detailed evaluation of technologies, encompassing multiple parameters to identify the right fit for the client

### iAccelerate



Prebuilt automated components to accelerate implementation and speed to market

### Smart Governance Assistant



Central governance with democratized team, enabling architecture re-use



# Does Low-Code have a Future, or is Low-Code the future?

Low-Code and its other avatar No-Code are not here to replace traditional development. Neither are they a replacement for developers. They are here only to make the job easier for non-technical business users.

**Technology is a powerful tool when we embrace it fully to strengthen our processes.**

Traditional code will still have its place for applications requiring a customizable and specific software design. We will still need traditional code and high-coders to build complex and large systems. After all, high-coders have built Low-Code platforms!





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