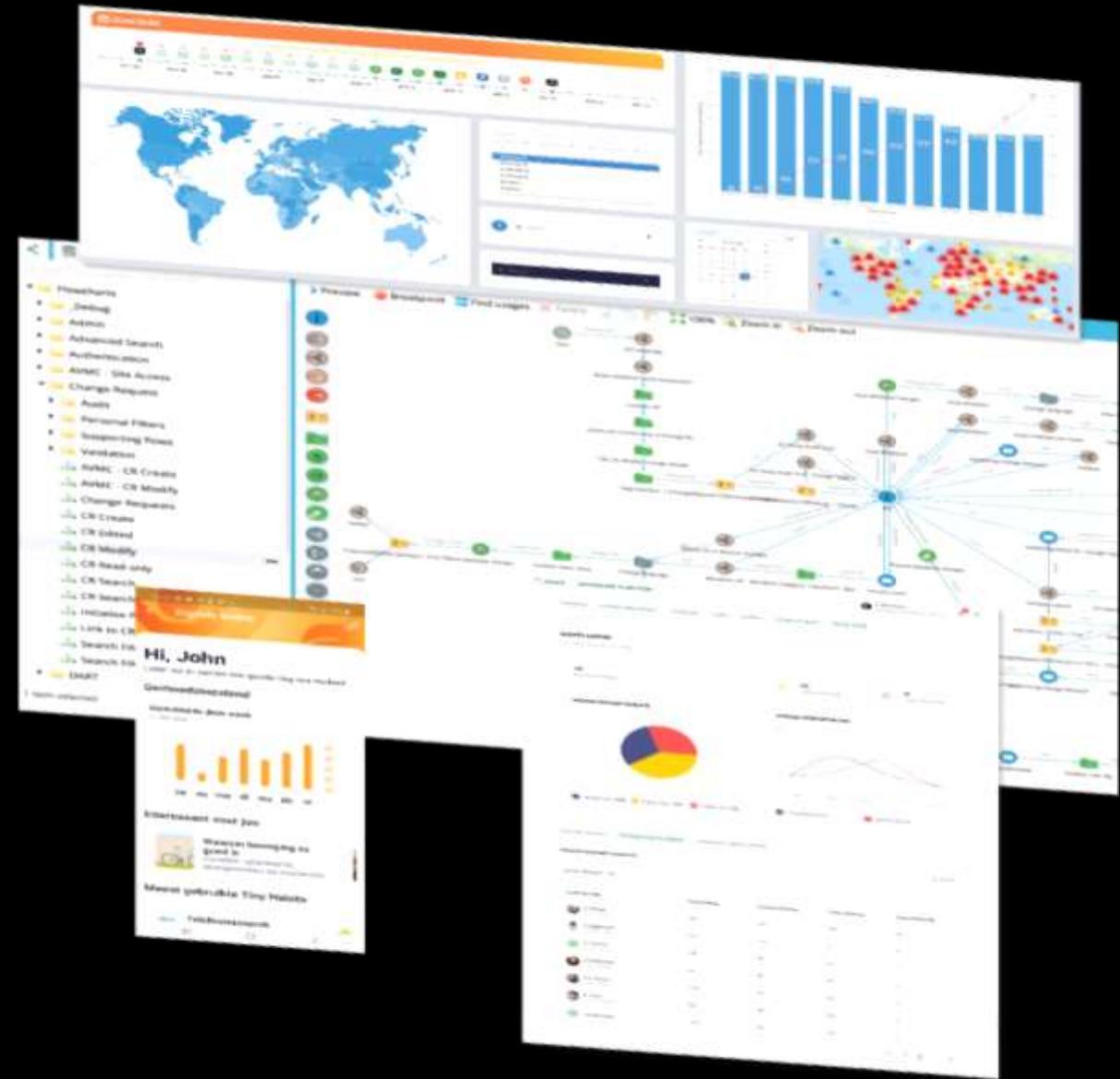




S-Square - LowCode/NoCode (LC/NC) Enabling Technology Presentation

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Current Challenges in Traditional Application Development

Long Development Timelines

- Custom development with standard SDLC processes
- Long incubation period before seeing a MVP
- Minor changes require long turn around time for design, build and testing.

High Capital Expenditure and Operating Costs

- Investment in Software platforms and Infrastructure for custom development
- Higher support costs due to diverse support requirements

Disparate Technology Landscape

- Multiple small projects using disparate technologies
- No uniform platform to manage small developments

Developer Shortages

- Developer shortages and skill-set challenges
- Multiple small productivity projects get deprioritized

6 Generations of Programming Languages

First generation (1GL) - machine-level programming language used to program first-generation computers

Examples: machine-level programming languages

Second generation (2GL) - assembly languages. Examples: Assembly

Third generation (3GL) - more machine-independent (portable) and more abstract therefore more programmer-friendly than previous generations of languages

Examples: Fortran, COBOL, BASIC, Pascal, C, C++, Perl, Python, Java, JavaScript, Ruby, PHP, C#

Fourth generation (4GL) - include support for database management, report generation, mathematical optimization, GUI development, or web development. Examples: ABAP, Unix Shell, SQL, PL/SQL, Oracle Reports, R

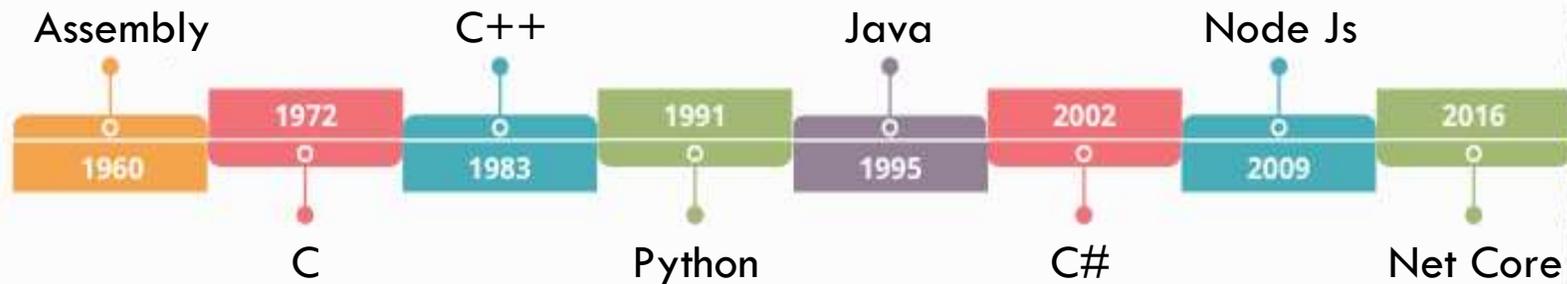
Fifth generation (5GL) - any programming language based on problem-solving using constraints given to the program to make the computer solve a given problem without the programmer, rather than using an algorithm written by a programmer. Examples: Prolog, OPS5, Mercury

Sixth generation (6GL) - programming language based on visual development. The overall umbrella term for these is "NoCode". Examples: Appian, WEM.io, Bubble.io

Reinventing Software Development

Traditional Coding

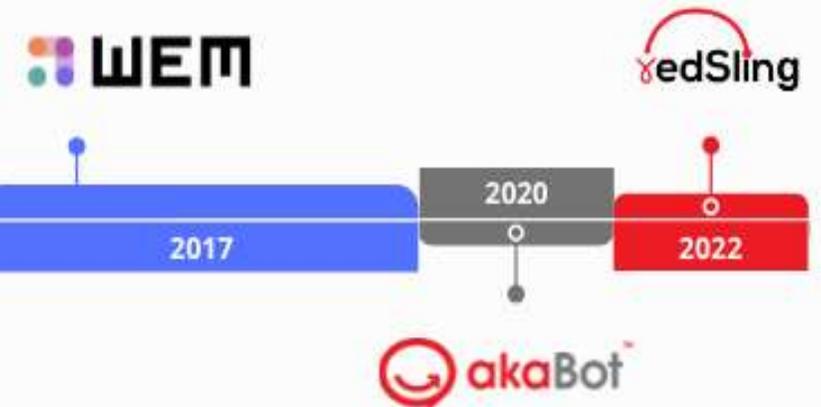
Requiring expensive, hard to retain code-linguists



Traditional computer languages require programmers to translate their thinking process into code built for the CPU and memory

No-Code

Empowering transforming support to employ business-knowledgeable techno-functional resources



Optimized for how we humans think. Converting natural thinking process into working software

Digital Transformation.
Legacy Modernization.
Business Velocity.

80%

COST REDUCTION

Empowers employing business knowledgeable (techno-functional) resources instead of costly, hard to retain code-linguists to build, deploy and maintain secure scalable enterprise-grade software.

10%

FASTER TIME-TO-MARKET

View app development in real-time. Deploy and update applications with a single click. Deliver software 10 times faster than traditional programming methods.

100%

ALIGNED TO BUSINESS

Translate innovative business ideas to custom software built with no code app builder at the speed of, and fully aligned with, business requirements.



Banks,
Financial
Services and
Insurance >



Healthcare >



Telecommunication
>



Education &
Training >



Manufacturing
>



Public Sector
>



Automotive
>

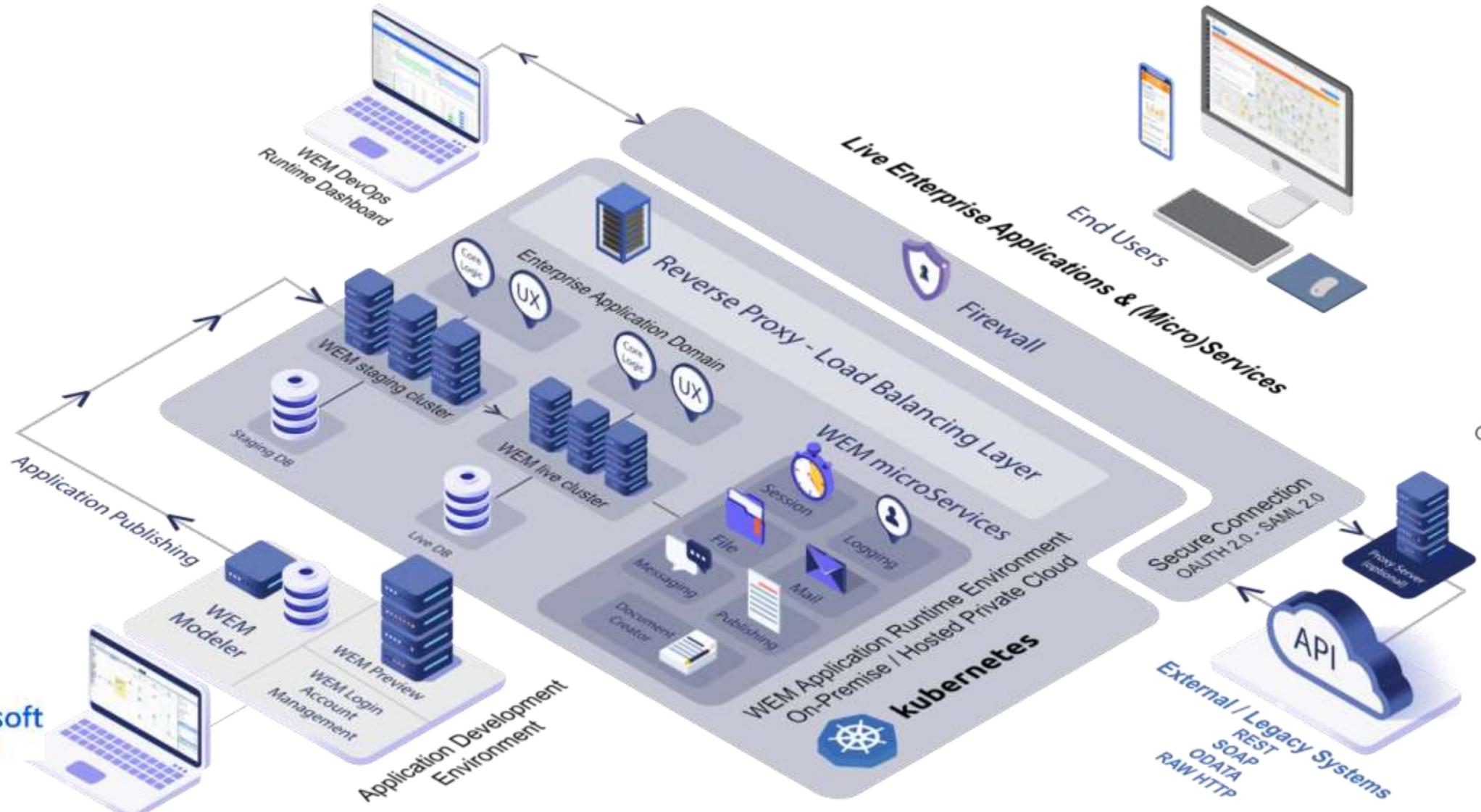


Real Estate
>

SCALABLE, SECURE CLOUD ARCHITECTURE



Google Cloud Platform



FLEXIBLE DEPLOYMENT OPTIONS FOR SHARED HOSTING, ON-PREMISE APPLIANCE AND PRIVATE APPLICATION CLOUD

3rd Party LCNC Marketplace Product Evaluation



Criteria	WEM	Betty Blocks	Power Apps	OutSystems	Mendix
Category	No Code	Low code	Low code	Medium to high code	Low code
Platforms	Web, native apps	Web apps	Web, native apps	Web, native apps	Web, native apps
Data Model	Drag & Drop	Visual Editor	Tables	Visual Editor	Visual editor
Visual Editor	Web-based	For backend apps	Web-based	Many designer	Web-based, desktop-based
Workflows	Drag & Drop	Action Modeler	MS Flow	Visual modeler	Visual modeler
Look & Feel	Custom templates	Custom js/css/html	Customizable	Custom js/css	Custom js/css
Environment	Public, private cloud, on premise	Public cloud, on premise	Public, private cloud, on premise	Public, private cloud, on premise	Public, private cloud, on premise
Release Management	Fully	Fully	Partially	Fully	Fully
Integration	All API standards	JSON, SOAP/REST	Office365, REST	SOAP/REST	SOAP/REST

Use Case – Safety Audit (Covid-19)

The outbreak of Covid-19 made it necessary for businesses and workplaces to prevent the exposure of its staff and customers (in case of public and commercial places) to covid-19 and therefore the introduction of the Covid-19 Safety Audit system became essential for the safe conduct of their business. Covid-19 safety audit includes several parameters like General Safety Measures, Personal Measures, Work-floor and Workspace Preparation, and Management of Workers in Quarantine.

PROBLEM

The company wanted to build an application to help businesses provide an easy and seamless COVID19 safety audit. Due to the stricter Covid-19 laws imposed in the region of the company, businesses were compelled to use paper trails on auditing the safety measure and therefore it had become a challenge. Therefore, the company wanted to build an application to address this issue.

SOLUTION

The issue was brainstormed with WEM and the application was developed to provide businesses with a covid-19 safety audit system. The WEM native together with the WEM web app registers each user's interaction at a given checkpoint inside the company by simply scanning a unique QR code. Each QR Code has a set of items attached to it, for example, a checklist for hand sanitizing, temperature measurement registration, instructions to follow at a given QR point. With the application so developed, users can register their entries in a couple of mobile clicks and swipes.

CUSTOMER CHALLENGES

- The company wanted to build an app that could completely digitize the Covid-19 safety auditing system
- Integration of QR Code system
- To enable users to register their entries in a couple of mobile clicks/swipes.

WEM ADVANTAGES

- **From a paper trail system to an easy to use and no-code web environment to be maintained by non-IT skilled employees;**
- **Agile development, week to week results, short time to market (live in 3 months);**
- **Cloud solution offers flexible workspaces (not tied to a location);**
- **Easy to extend the application;**
- **Fast return on investment.**

Representative WEM Enterprise Customers



JPMORGAN CHASE & CO.



MINISTERIO DE TRANSPORTES, MOVILIDAD Y AGENDA URBANA

Thank You

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