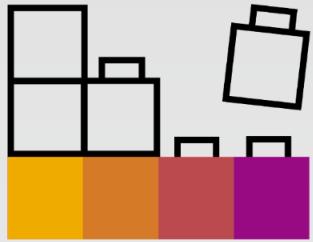


SAP Build  
Building Apps, Processes and Business Sites

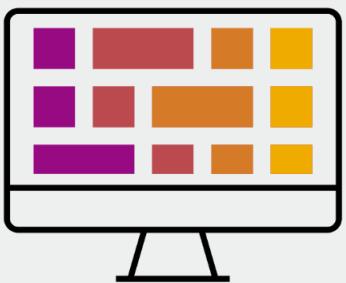
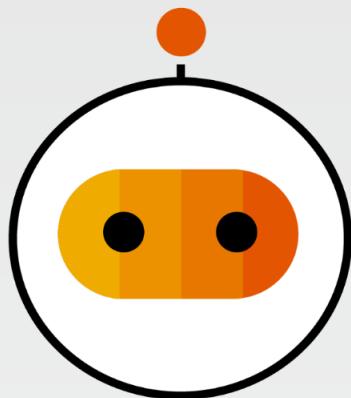
SAP CodeJam Ghent  
Feb 19, 2024



SAP Community  
Anniversary



SAP Build  
Apps, Processes and Sites Without Coding



SAP CodeJam Herne  
Feb 21, 2024



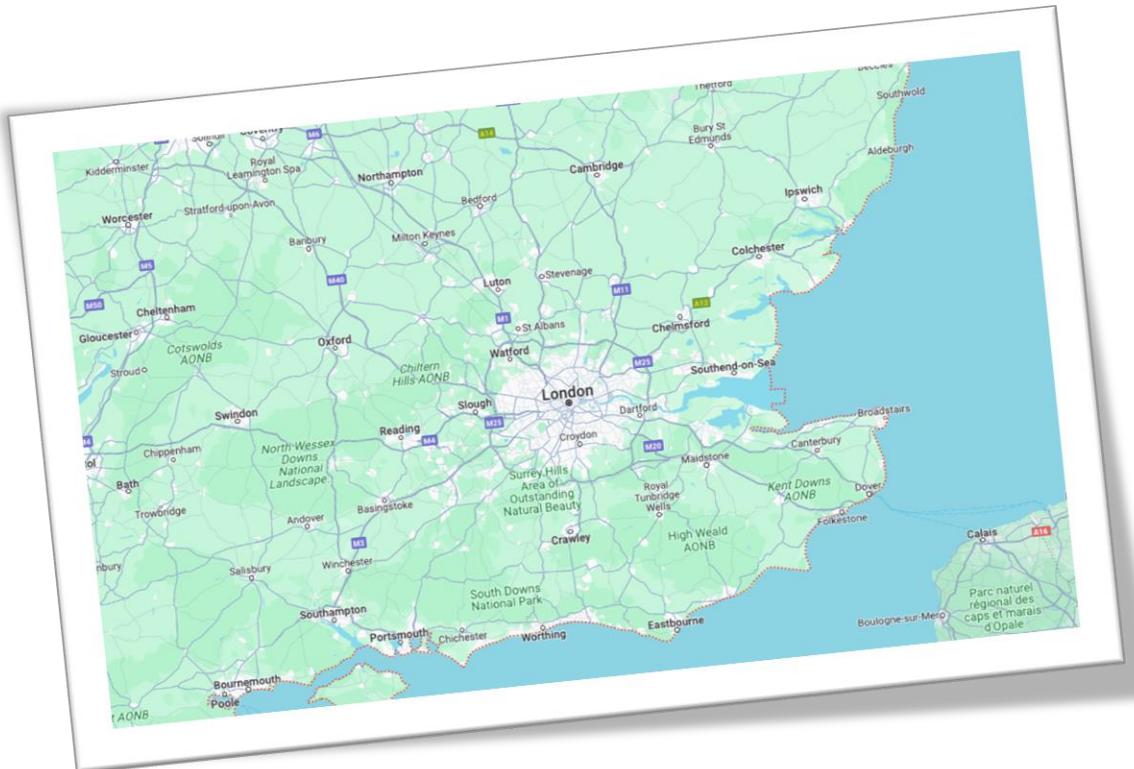
SAP Community  
Anniversary

# Who are we?





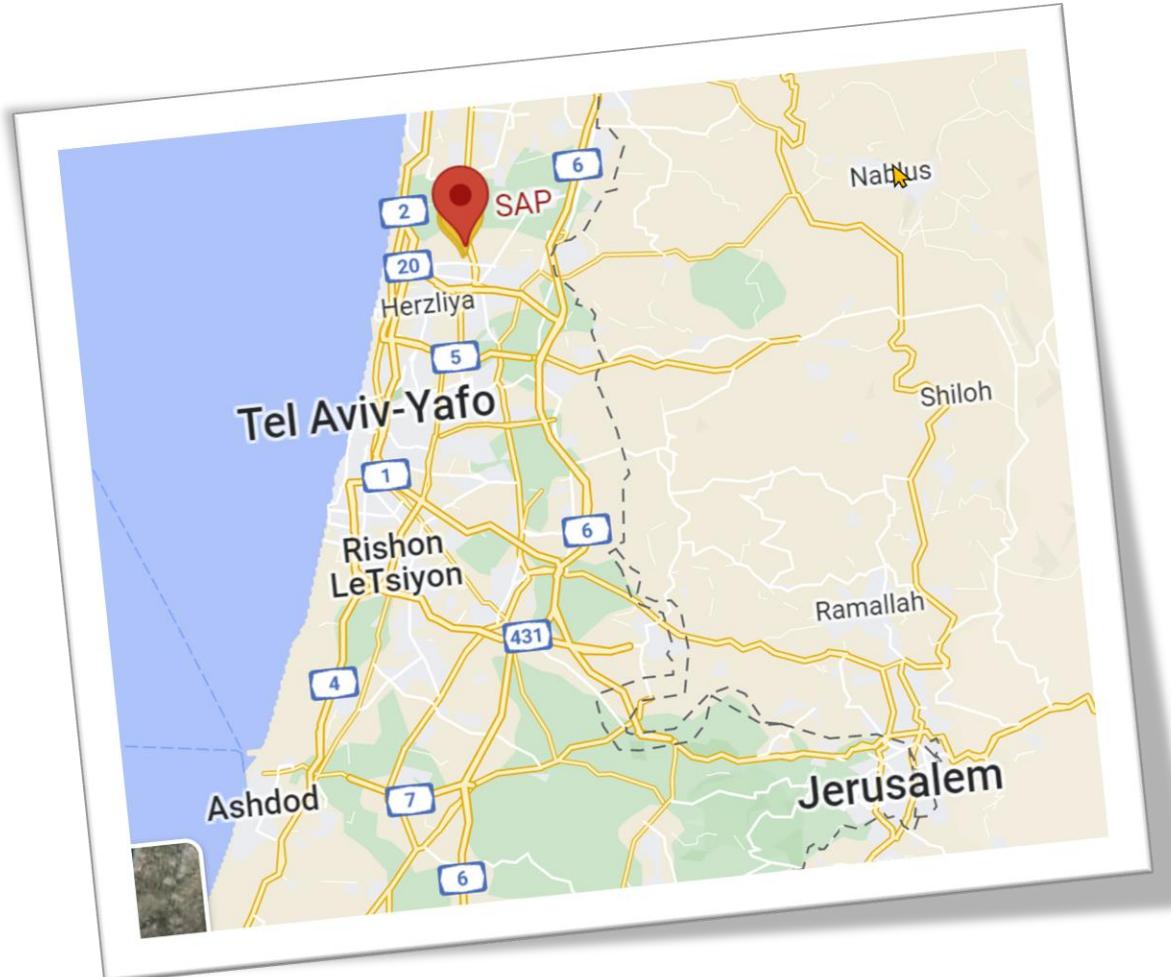
# Ian Thain



- Married, with two grown-up daughters
- From the UK (NE of London)
- Worked as Operator, Systems Operator, Programmer, Consultant & Trainer.
- First Programming experience in school on Apple II with Apple Basic/Pascal
- Worked at SAP since 2000 (via acquisition of Sybase)
- Loves Technology, Apple/iOS, Tesla/SpaceX, Aviation & F1.



# Daniel Wroblewski



- Married to Odia
  - Daughter (Ellie, 26) and Son (Yoni, 20)
  - From USA (NYC/Baltimore)
- 
- Worked as newspaper writer/editor
  - In college, programmed assembler on the Macintosh
  - Baseball umpire
  - Worked at SAP since 2004 (enterprise portal)



# Developer Advocates

TechEd 2022,  
Las Vegas

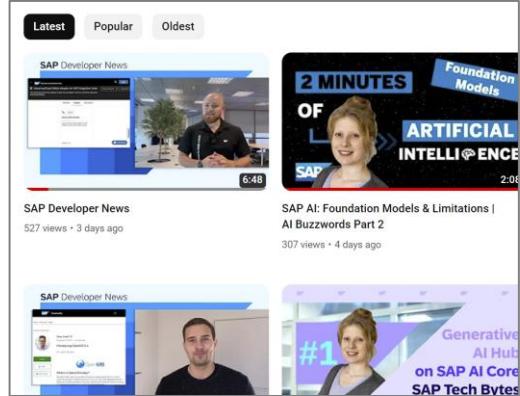


TechEd 2023,  
Bangalore

Public



# Developer Advocates – What we do?



## Events

- TechEd
- Devtoberfest
- CodeJams
- SAPInsider
- Conferences

## YouTube

## SAP CodeTalk

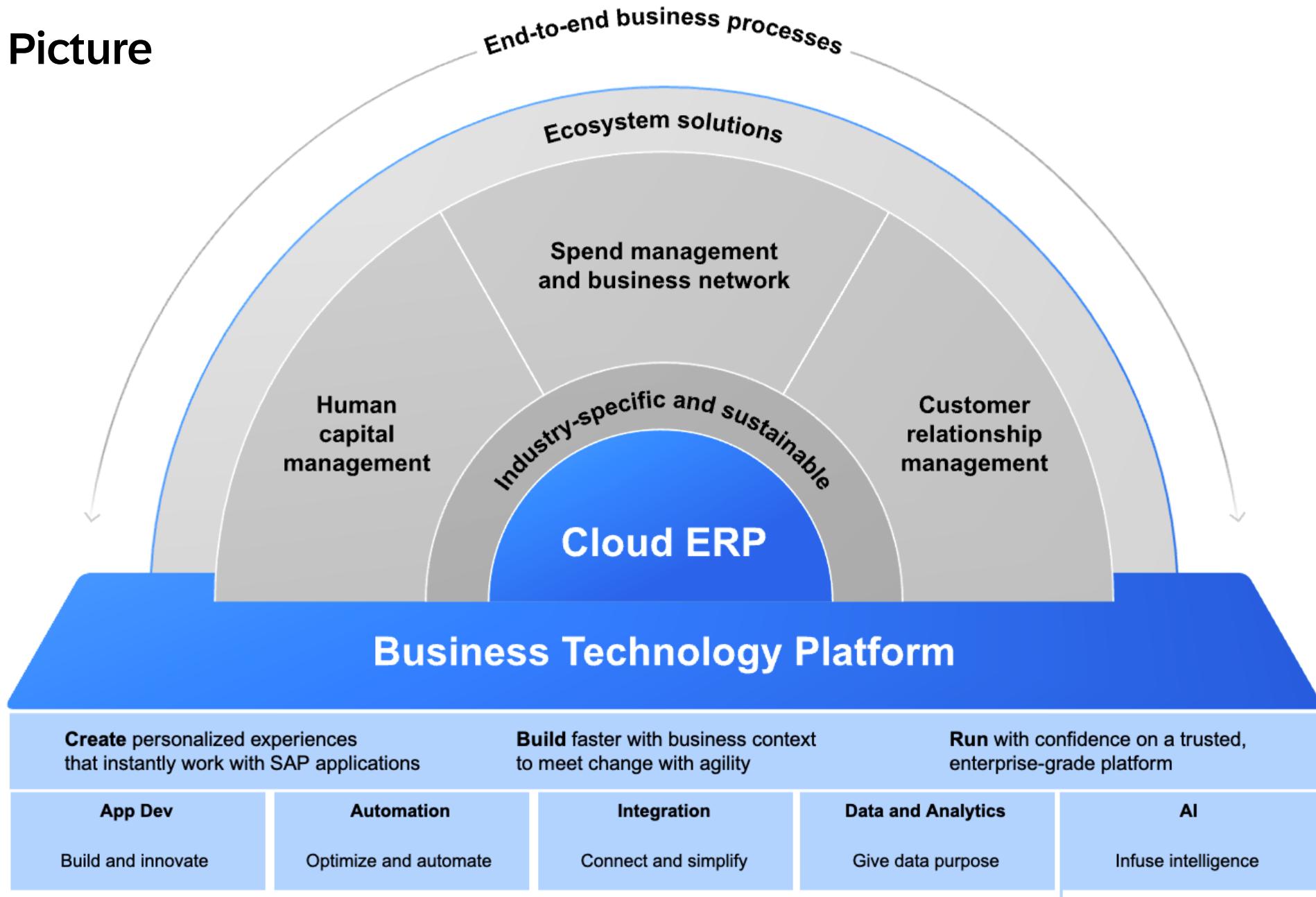
## Experts

- Team of 18 experts on
  - ABAP
  - UI5
  - CAP
  - AI
  - Analytics
  - SAP Build
  - SAP BTP
  - Integration
  - OData

# What is SAP Build?



# The Big Picture



# Big Picture



**SAP**

## How SAP Build Enhances Business Agility

**Create Apps, Automate Processes, and Design Business Sites with Drag-and-Drop Simplicity**

To stay competitive, your organization must:

- Quickly respond to ever-changing requirements.
- Continuously improve user experiences and business processes.
- Give those closest to the business the tools and insights they need to create effective solutions.

For your development teams, these challenges translate into increased workloads and accelerated project timelines. Yet, skilled developer resources are scarce.

**48%** of companies don't have enough developers to meet demand<sup>1</sup>

**50%** of companies are shifting to low-code approaches for mundane tasks<sup>2</sup>

How can you change your approach to development?

**Use SAP Build to:**

- Build visually: Rapidly build apps, business sites, and process automations.
- Integrate seamlessly: Accelerate development with pre-built connectors and LoB content for SAP and non-SAP systems.
- Collaborate securely: Foster collaboration between business and development teams with built-in governance and lifecycle management.

**Meet SAP Build**

Create apps      Automate processes      Design business sites

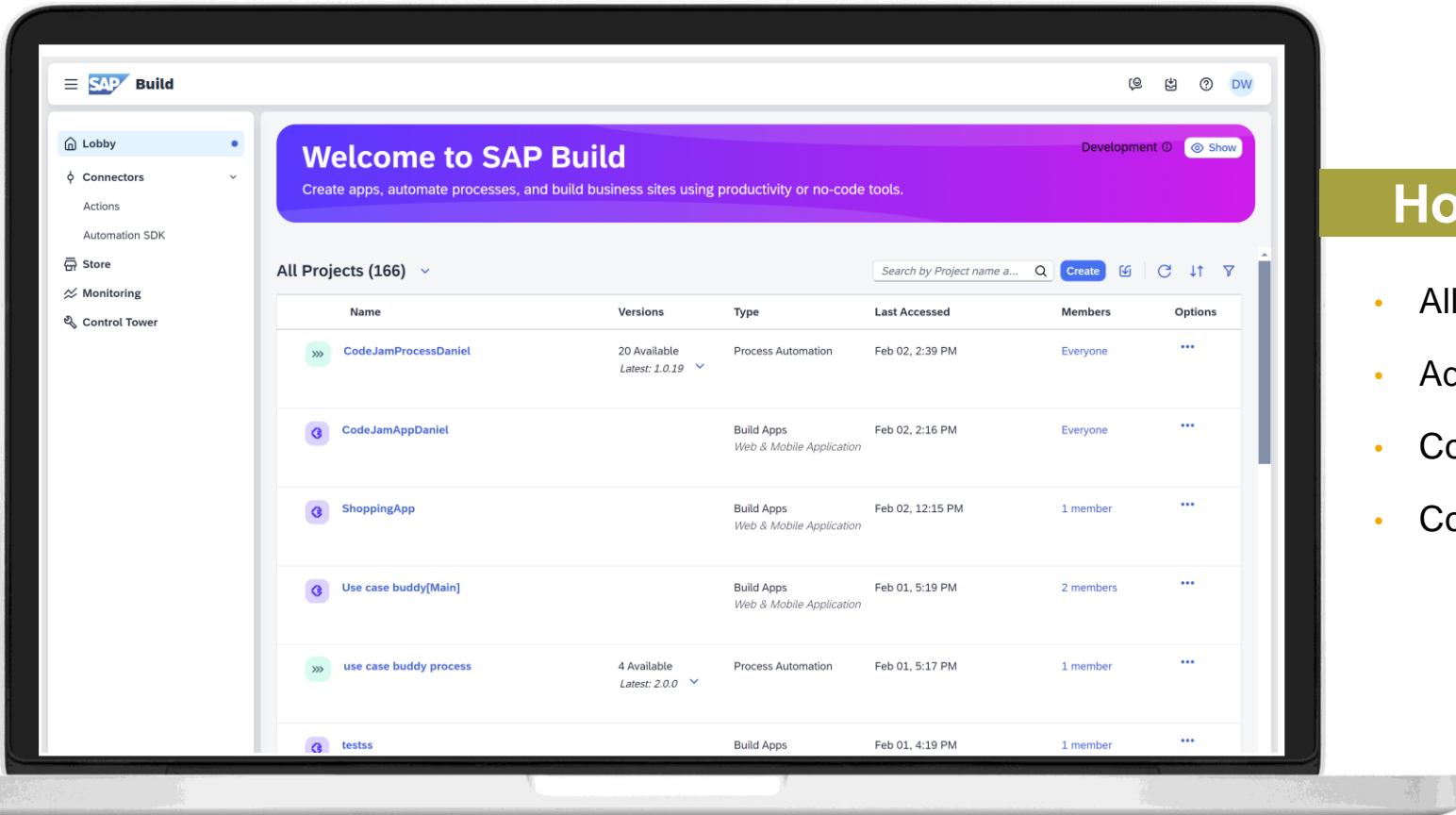
SAP Build Apps    SAP Build Process Automation    SAP Build Work Zone

**Start Today**  
Create, automate, and innovate with **SAP Build**.

1. IDC, SCM BUILDING CODE SUCCESS, AUGUST 2022.  
2. IDC, BREAKING THE CODE, MAY 2022.

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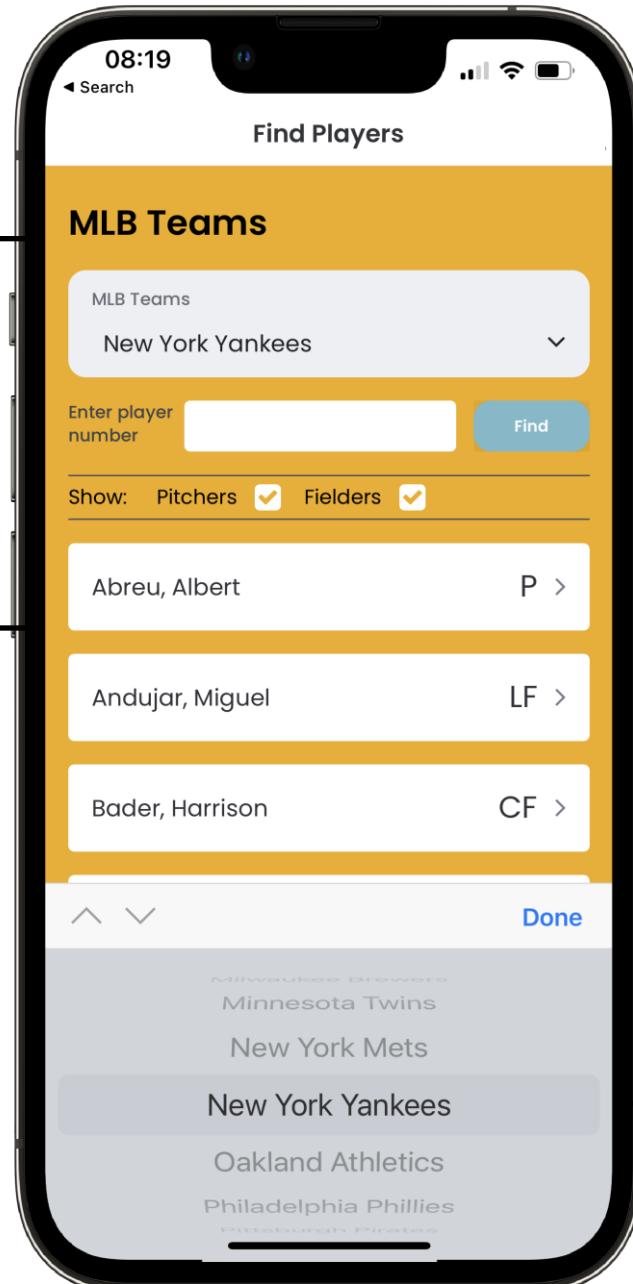
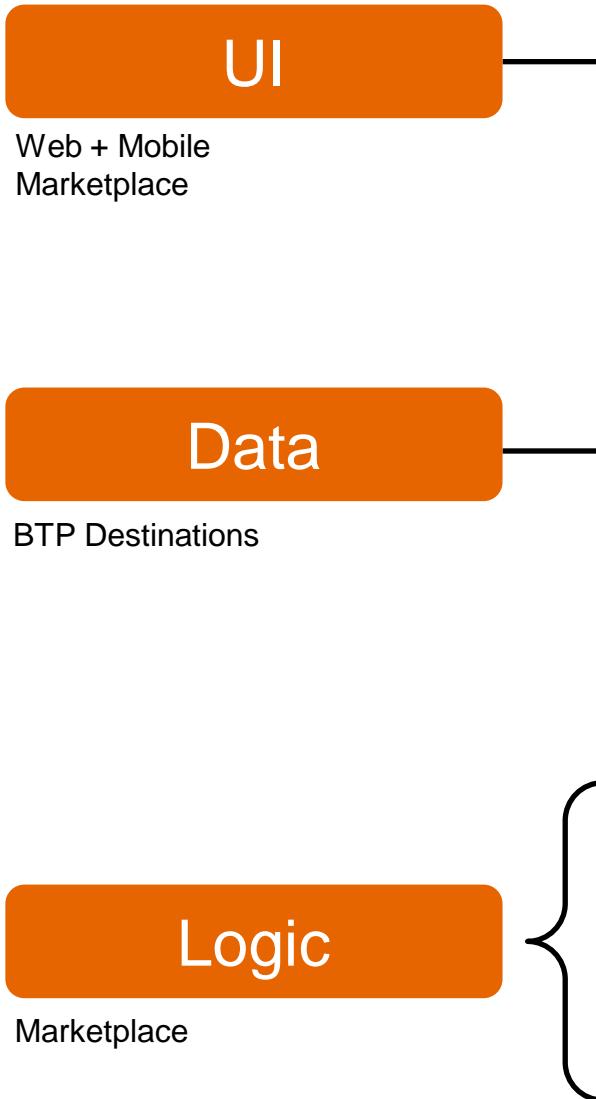
# SAP Build Lobby – Harmonizes the LCNC Developer Experience



## Home base for SAP Build

- All developer tools in one place
- Administration tools
- Collaboration
- Common lifecycle management & monitoring

# SAP Build Apps | Essentials



Built-In Database

A screenshot of the SAP Build Apps Backend configuration interface. It shows the "Entities" tab with two entities listed: "Rating" and "Comment". The "Rating" entity has fields: Rating, RatedBy, ProductID, and DateCreated. The "Comment" entity has fields: Comment, ProductID, CommentedBy, and DateCreated. To the right, there is a "Configure entity" panel for the "Rating" entity, which includes fields for Title, Description, and ID, along with a "DELETE ENTITY" button. A "Configure fields" button is also present.

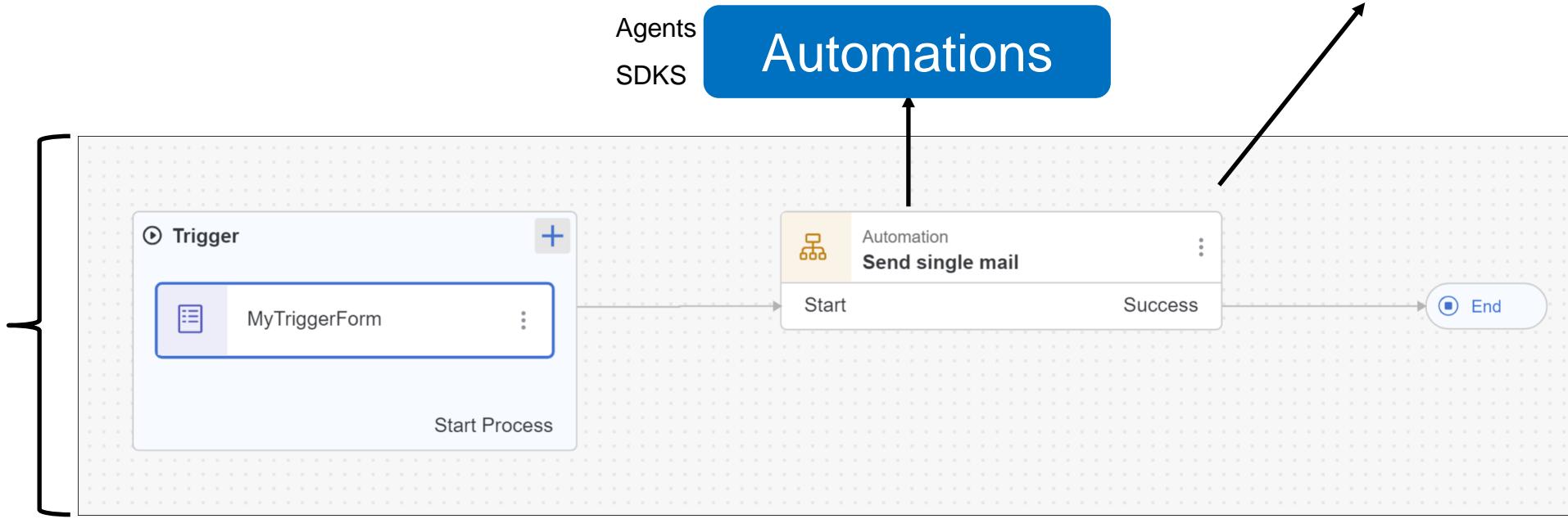
Mobile Ready

- + BTP Authentication
- + Deployment

# SAP Build Process Automation | Essentials

Actions

Destinations to SAP backends



Governance

The SAP Build Governance interface includes:

- Lobby**: Tenant Configuration section with "Tenant Details" and "Environments" tabs.
- Connectors**: Actions and Automation SDK sections.
- Store**: A search bar and a list of pre-built content packages:
  - Excel SDK**: Publisher: SAP Build Process Autom... (Ready to use)
  - Powerpoint SDK**: Publisher: SAP Build Process Autom... (Ready to use)
  - Document Information Extraction SDK**: Publisher: SAP Build Process Autom... (Ready to use)
- Monitoring**: Control Tower tab.

Store ("pre-built content")

The SAP Build Store interface includes:

- Lobby**: Connectors, Actions, Automation SDK, and a "Store" section.
- Filter By**: Options include "Added Projects", "Project Type", "Format Type", "Content Type (Free or Paid)", "Catalog", "Product", "Publisher", "Line Of Business", and "Industry".
- Projects (764)**: A grid of pre-built content packages:
  - Excel SDK**: The Excel SDK package is a collection of activities allowing you to create...
  - Powerpoint SDK**: The PowerPoint SDK package is a collection of activities allowing you to...
  - Document Information Extraction SDK**: The Document Information Extraction SDK is a collection of activities for...
  - Google Vision AI SDK**: The Google Vision AI SDK is a collection of activities allowing you to...
  - PDF SDK**: The SAPUI5 PDF package is a collection of activities allowing you to...
  - Word SDK**: The Word SDK package is a collection of activities allowing you to create...

# SAP Build Work Zone | Essentials

## Widgets

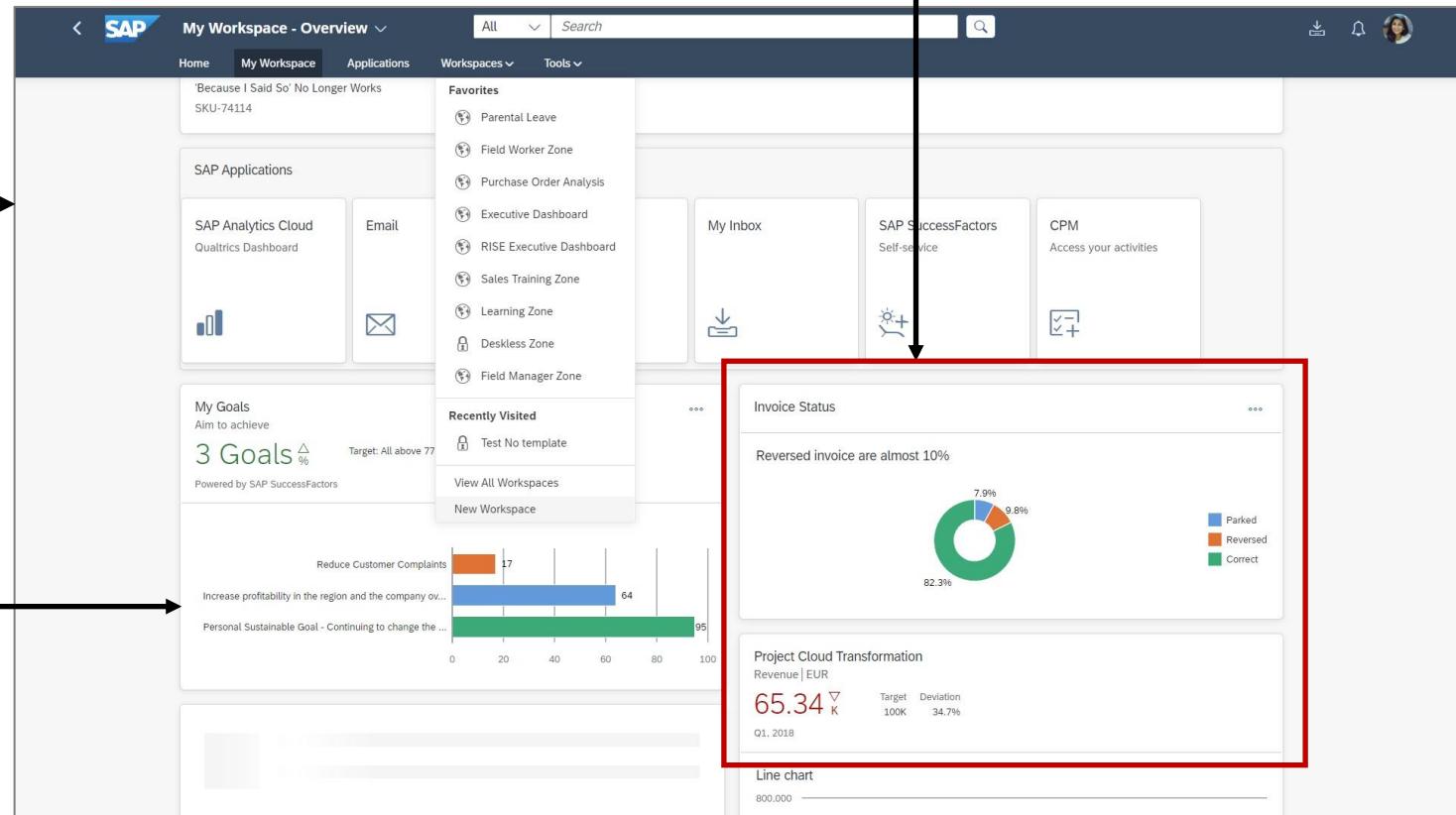
- Polls
- People
- Forums
- Slideshows
- Knowledge Base
- Events
- File share
- Application groups

Quick Sites

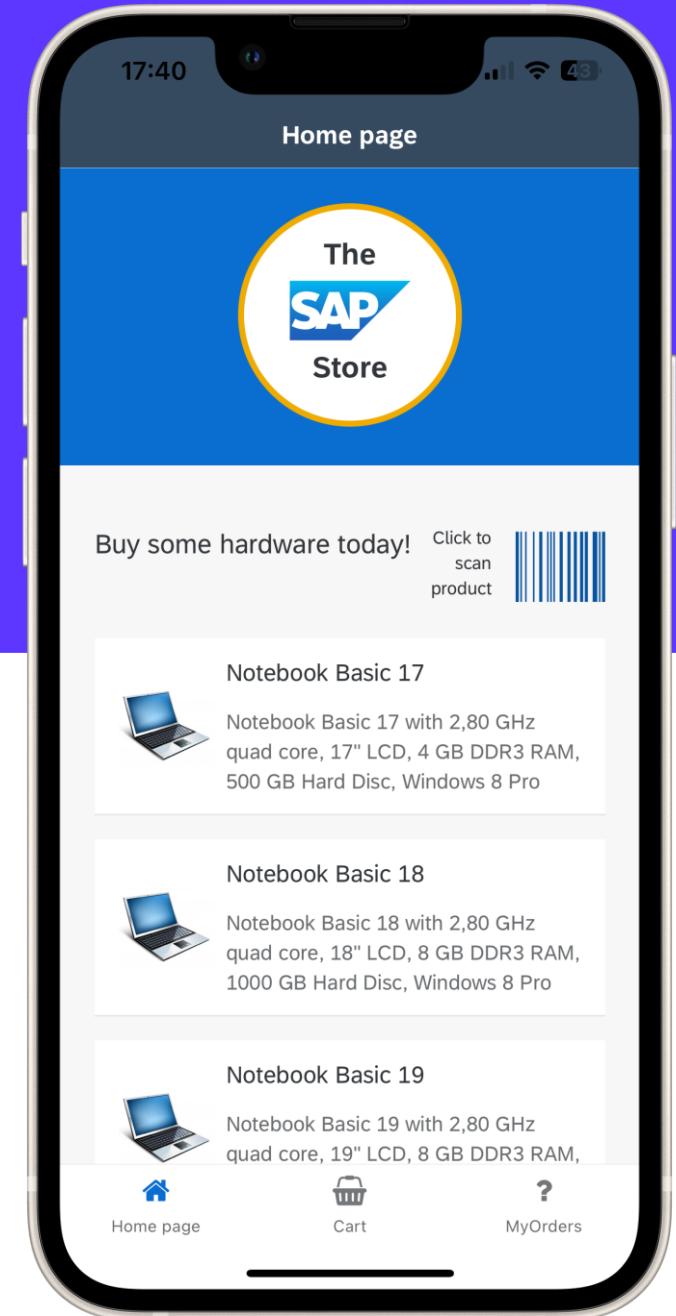
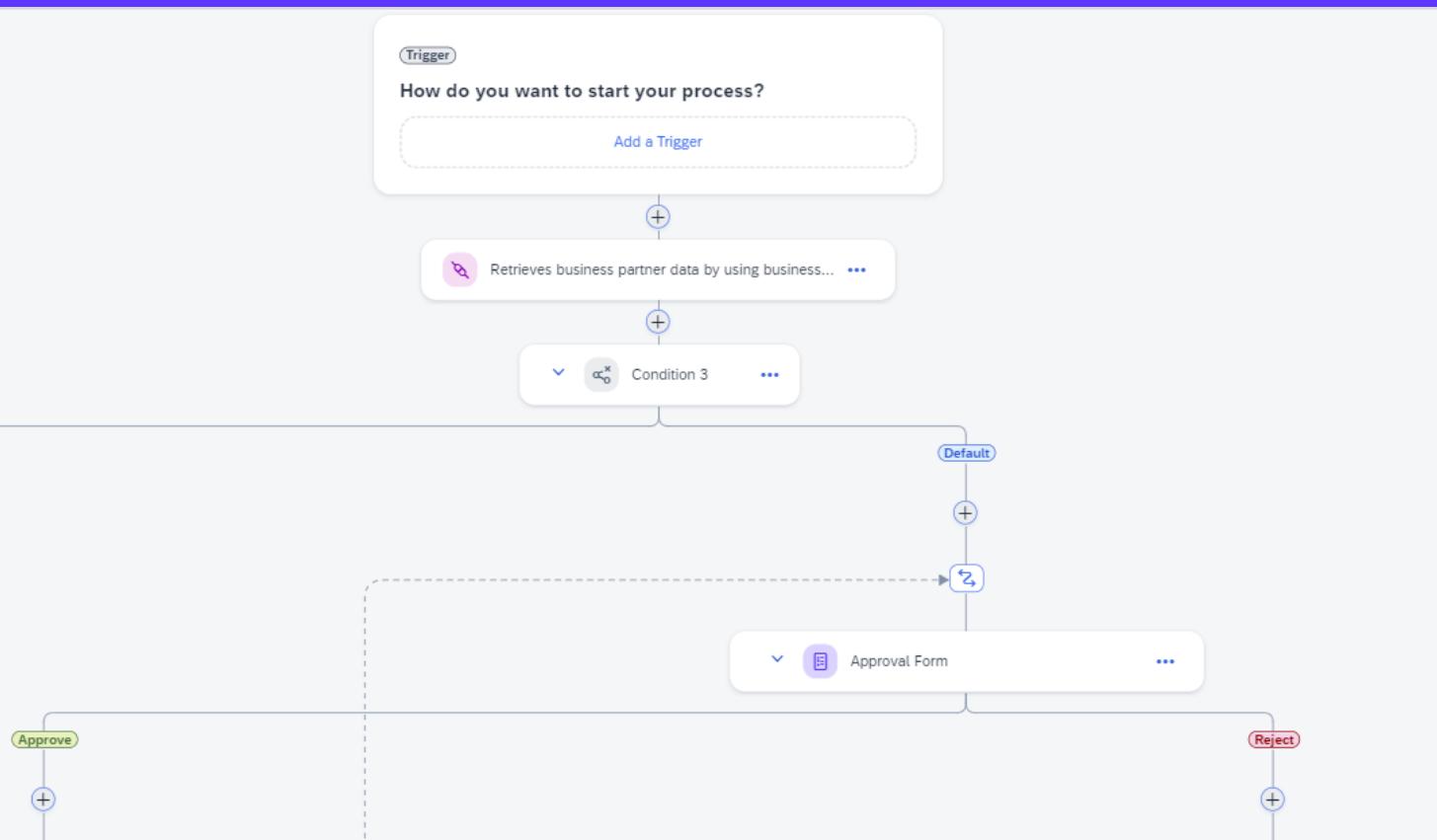
Embed Business Data

BTP Destinations

+ apps



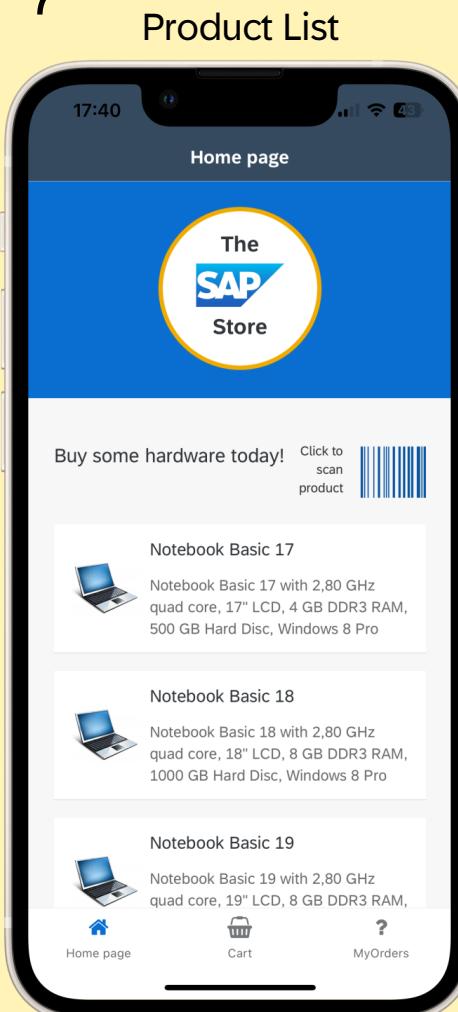
# What will you build?





## SAP Build Apps

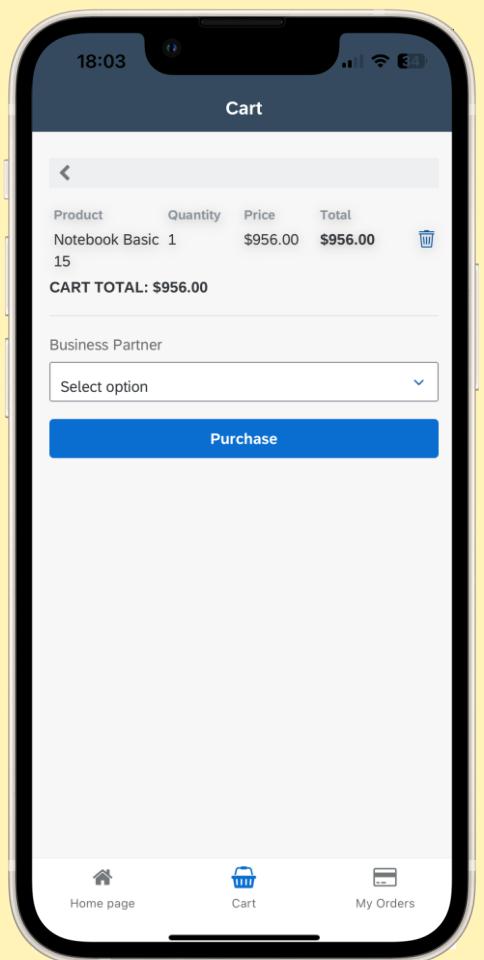
ES5  
GET / POST



1

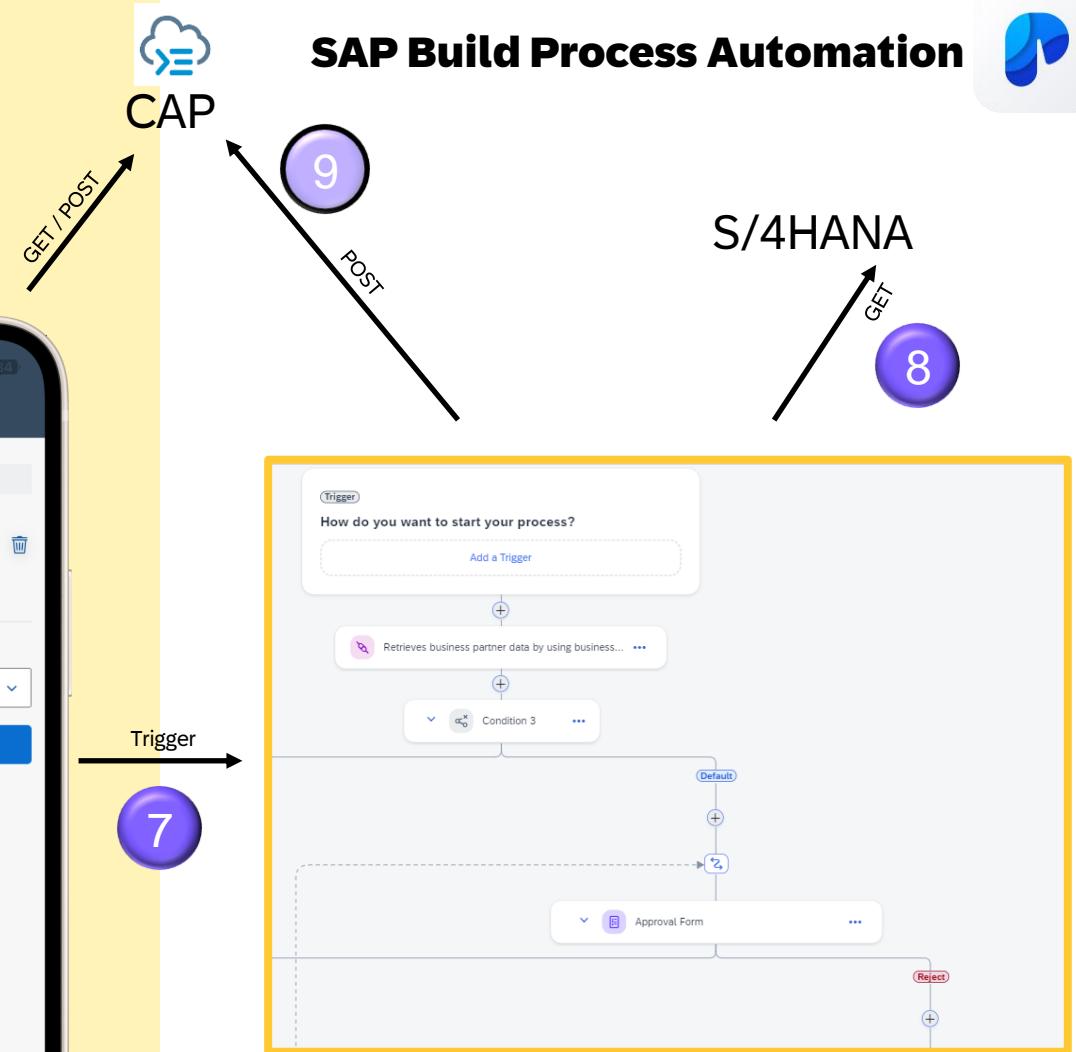


2



3

4



Approval Process

# A few tips



# SAP Build Apps Tips



# SAP Build Apps Tips

## Logging In

- Your user for SAP Build is with Custom IDP
- The system will time out

## Binding

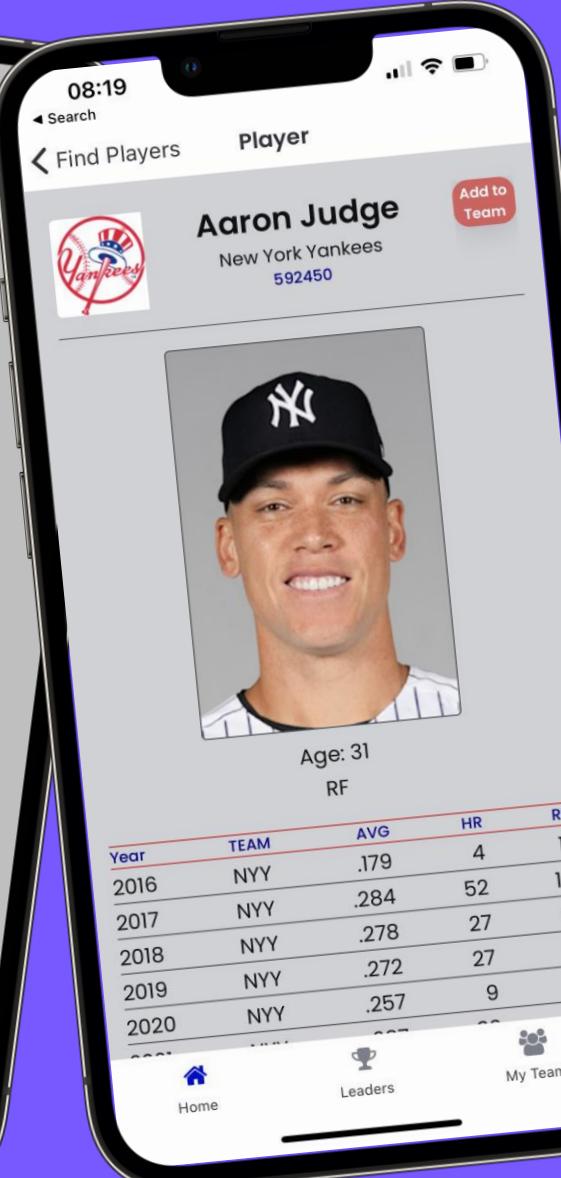
- Binding icon and binding value

## Formulas

- Formulas will save you

## Preview

No need to launch each time

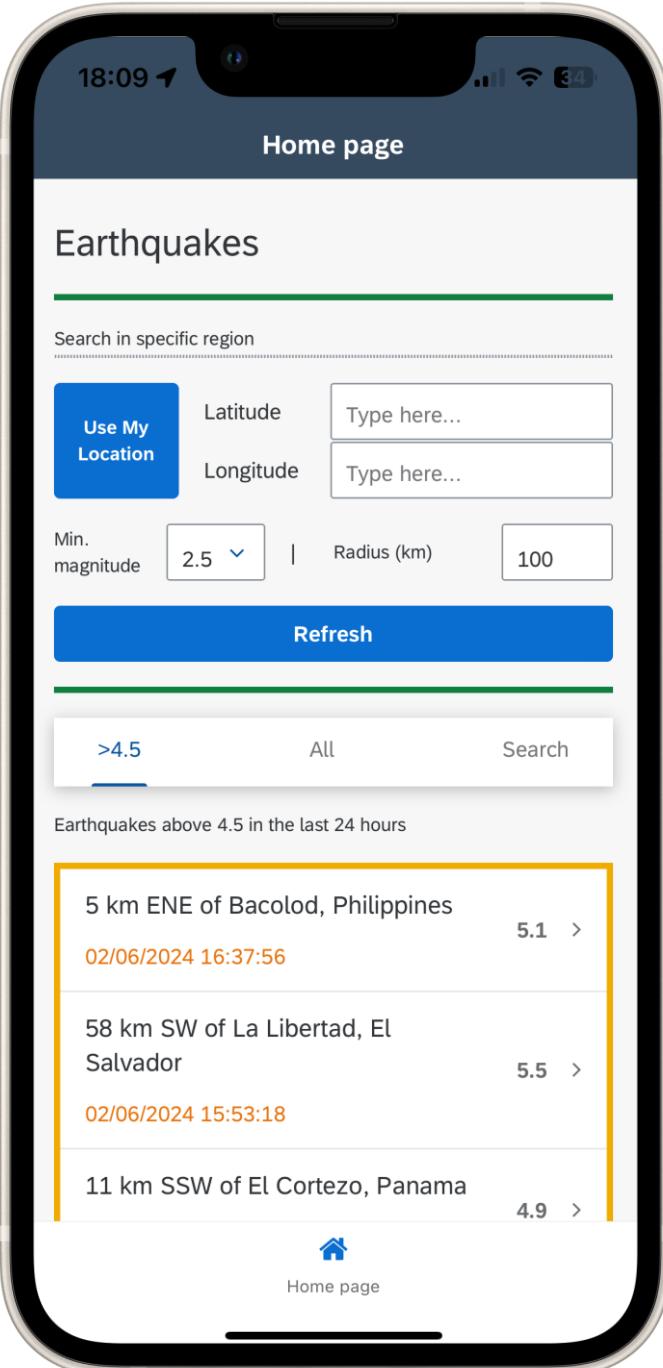


# Are you ready?



# Demos

# SAP Build Apps



# Automation

## RPA Challenge

**Instructions** EN

1. The goal of this challenge is to create a workflow that will input data from a spreadsheet into the form fields on the screen.

2. Beware! The fields will change position on the screen after every submission throughout 10 rounds thus the workflow must correctly identify where each spreadsheet record must be typed every time.

3. The actual countdown of the challenge will begin once you click the Start button until then you may submit the form as many times as you wish without receiving penalties.

Good luck!

[DOWNLOAD EXCEL](#)

**START**

Address   
Phone Number

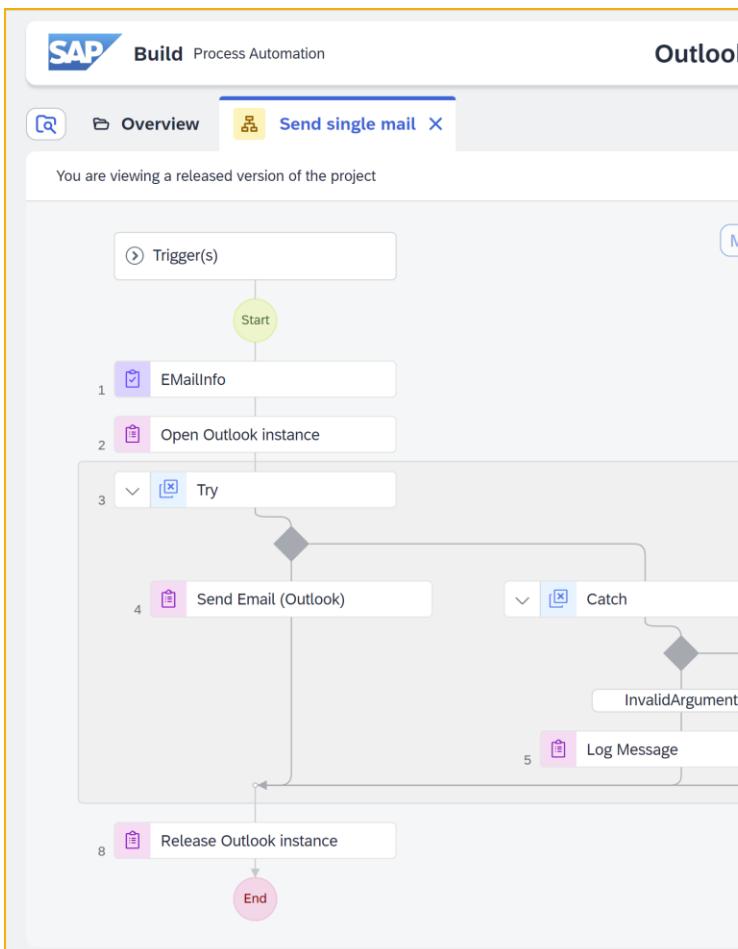
First Name   
Email

Last Name   
Company Name

Role in Company

**SUBMIT**

# Automation



**SAP Build**

**Lobby**

- Connectors
- Actions
- Automation SDK
- Store**
- Monitoring
- Control Tower

**Filter By** Clear filters (0)

Added Projects

> Project Type  
 > Format Type  
 > Content Type (Free or Paid)  
 > Catalog  
 > Product  
 > Publisher  
 > Line Of Business  
 > Industry

**Projects (6)**

**outlook** Last Updated

<b>Outlook SDK</b>	<b>Business Document Extraction from E-Mail...</b>	<b>Incture Bot for Resume Screening and Generate...</b>
The Outlook SDK package is a collection of activities allowing you to... Publisher: SAP Build Process Au... <a href="#">Open</a>	This bot is an SAP Business ByDesign offering. This bot will download... Publisher: SAP Business By Design <a href="#">Ready to use</a> <a href="#">Template</a> <a href="#">Add   v</a>	Bot downloads candidate profiles from Outlook application, extract the data f... Publisher: Incture Technologies <a href="#">Paid</a> <a href="#">Buy</a>
<a href="#">Ready to use</a> <a href="#">Template</a> <a href="#">Add   v</a>	<a href="#">Ready to use</a> <a href="#">Template</a> <a href="#">Add   v</a>	<a href="#">Ready to use</a> <a href="#">Buy</a>
<b>Business Document Extraction from E-Mail...</b>	<b>Outlook Best Practices (calendar)</b>	<b>Outlook Best Practices (mail)</b>
This bot is an SAP Business One offering. This bot will download... Publisher: SAP Business One <a href="#">Ready to use</a> <a href="#">Template</a> <a href="#">Add   v</a>	This project presents the best practices to follow when it comes to manage... Publisher: SAP Build Process Automat... <a href="#">Ready to use</a> <a href="#">Template</a> <a href="#">Add   v</a>	Use SAP Build Process Automation to automatically search for mails using... Publisher: SAP Build Process Automat... <a href="#">Ready to use</a> <a href="#">Template</a> <a href="#">Add   v</a>
<a href="#">Ready to use</a> <a href="#">Template</a> <a href="#">Add   v</a>	<a href="#">Ready to use</a> <a href="#">Template</a> <a href="#">Add   v</a>	<a href="#">Ready to use</a> <a href="#">Template</a> <a href="#">Add   v</a>

# SAP Build Work Zone

Home Page

Home My Workspace Applications Workspaces Tools

+ Invite Quick Access ...

 SAP Build CodeJam ☆

A space for all things SAP Build CodeJam

Public 1 Member

Home Page + ⚙️ ⌂



Most Popular Apps

Earthquakes



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SAP Build C... Daniel (DevAdvlAS) Wroblewski about 15 hours ago

Forum Topics

SAP Build CodeJam - Opinions? Daniel (DevAdvlAS) Wroblewski · about 15 hours ago

Key Members

Daniel (DevAdvlAS) Wroblewski

Folders

Images Daniel (DevAdvlAS) Wroblewski · about 15 hours ago

Additional Information

External Link 1 Description

# Q&A





# Thank you.



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LinkedIn: [ianthain](#)  
SAP Community: [Ian\\_Thain](#)



Daniel Wroblewski

Twitter: [DanWroblewski](#)  
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SAP Community: [thecodester](#)