



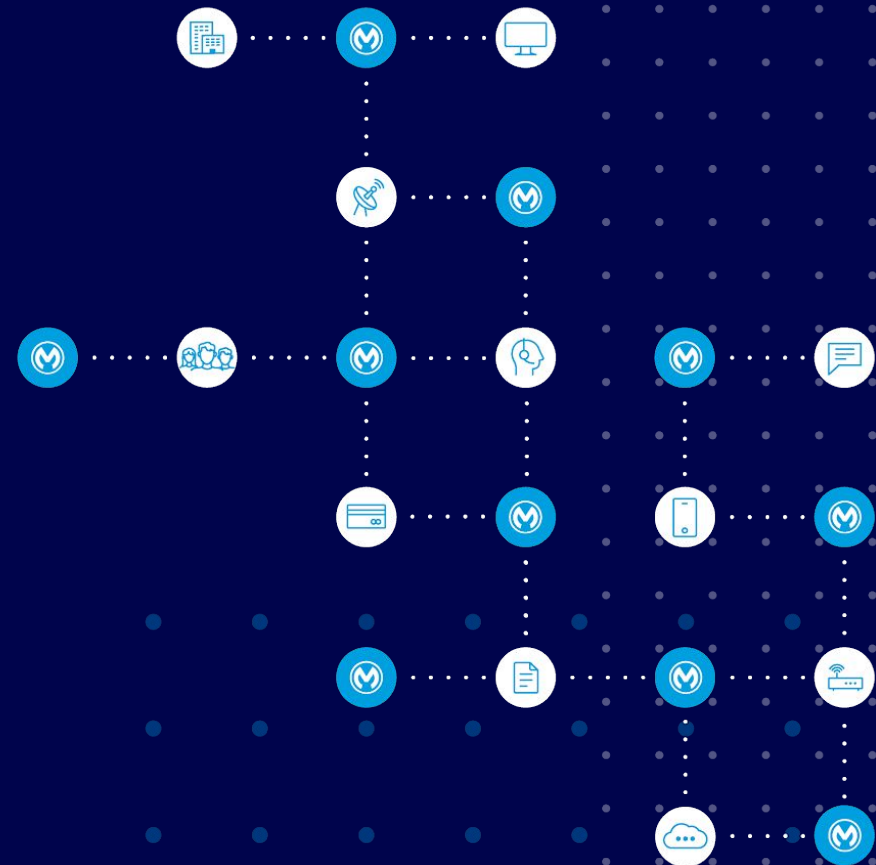
Welcome to APIForce

Swiss API Community

Fiona Leibundgut, Creativity Success Artist

fiona.leibundgut@mulesoft.com

apiForce
embrace and exchange



Introduction of the Team

APIForce Community



Fiona Leibundgut

Creative Success Artist

fiona.leibundgut@mulesoft.com



Andreas Oberrauter

API Artist

aoberrauter@mulesoft.com



Mihael Bosnjak

Error Handler

mbosnjak@mulesoft.com



Amir Khan

API Activist

amir.khan@mulesoft.com

Special Guest

APIForce Community



Raul Jimenez

Team Head eCommerce & Digital Integration
jimenez.raul@ch.sika.com

Agile Board for Today

APIForce Community



TODO

DONE

Welcome & Introduction to APIForce



15 min

API Trends 2022



30 min

API-led Approach at Sika



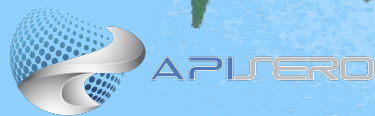
30 min

Wrap-up, closure & next steps



15 min

GOLDBACH



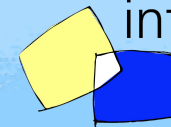
Vontobel



DENNER

Infosys® HCL

adesso



infometis ag



swissgrid



Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
Confederaziun svizra



eFrontech



GALENICA

DIGITAL



pwc

POLYGRAN

Tricentis



Swiss Re

IBM

ABB

FLS

CKW



Garrett
ADVANCING MOTION

Die Mobiliar

Versicherungen & Vorsorge



Thank You



dormakaba

thread
SOLUTIONS

valion

Transformation is our passion



UBS

PostFinance

la prairie
SWITZERLAND

Capgemini

EY

Building a better
working world

Inter
Discount

helvetia

Helsana

RUAG
Aerospace Defence Technology

skylabs

Option 4.0

AmerisourceBergen

EY

Building a better
working world

SILVERLINE

credaris

the safe and easy way to your loan



CAP4LAB

Cognizant

MHP

A PORSCHE COMPANY

TRANSFOURMET



TECAN

AVIO
CONSULTING



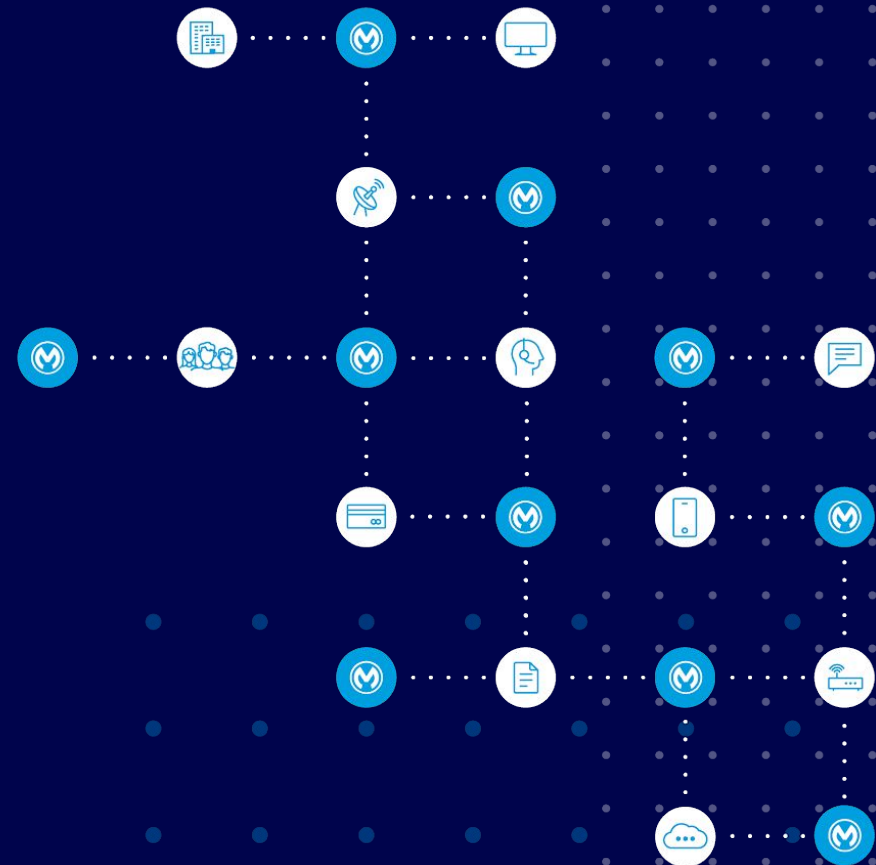


APIForce 1.0

API Community

Andreas Oberrauter, API Artist
Mihael Bosnjak, Error Handler

apiForce
embrace and exchange





COMMUNITY

GROUP **PEOPLE** **SOCIAL MEDIA** **ASSISTANCE** **TRUST** **PLANNING** **CARE** **CONCEPT** **RELATIONSHIP** **UNITED** **HOPE** **WORK** **TEAM** **TEAMWORK** **FAITH** **ECONOMY** **TEAM** **TEEN** **MULTIRACIAL** **HUMANITY** **SOLIDARITY** **CONFIDENT** **MIND** **CREATIVE** **TALK** **AGREEMENT** **CONNECTION** **THINKERS** **GROWTH** **LEADERSHIP** **SOCIAL** **LIFE** **PARTNER** **IDEA** **ACHIVEMENT** **NETWORK** **TOGETHER** **SUPPORT** **HELP** **PALLIANCE** **SOCIETY** **CHEERFUL** **WOMEN** **BUSINESS** **COMPANION** **CROWD** **BONDING** **GIVE** **TEAM MANAGEMENT** **CIRCLE** **UNION** **PERSON** **LIFESTYLE** **OFFICE** **YOUTH** **FRIEND** **ADULT** **MALE** **HOLD** **SCHOOL** **INTERNET** **SUCCESS** **FAMILY** **COOPERATION** **COMPANY**

Community Content

APIForce 1.0



Virtual Meetings

(open for everyone)

Onsite Meetings

(Switzerland-based,
MAR 18, 2022)



New blogs and
content

(apiforce.dev)



Newsletter via
Email

Community Content

APIForce 1.0



Future Roadmap



Topics

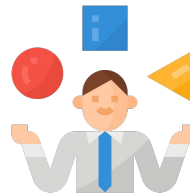
APIForce Community



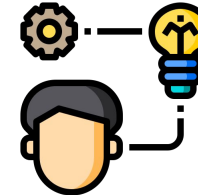
Trends



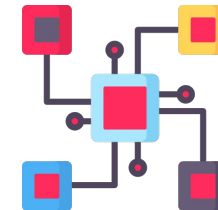
Real-world
examples



Capabilities



Best Practices



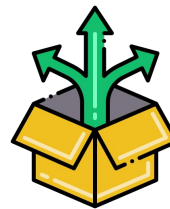
Technology



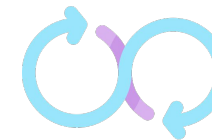
Design



Security



Deployment



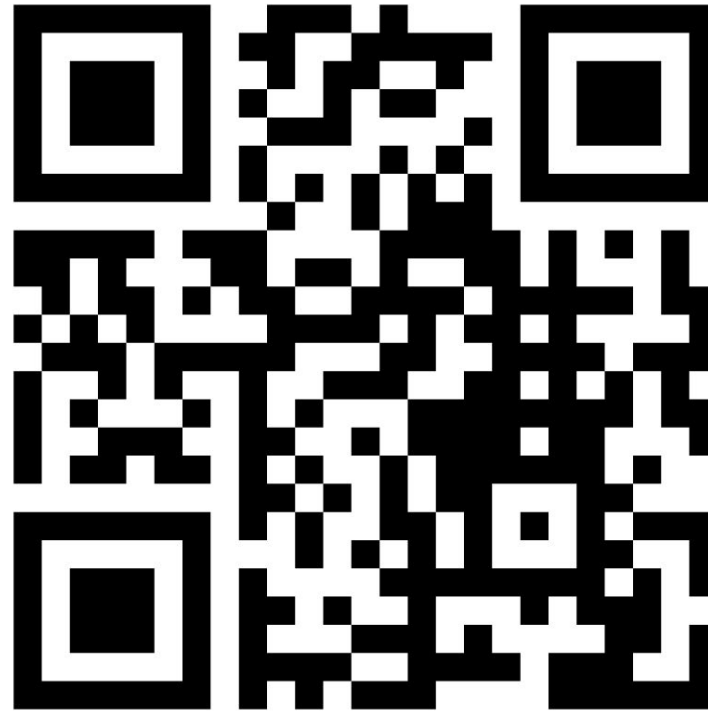
DevOps



Testing

Let's get started

APIForce Community



<https://www.menti.com/wfqg2qzp29>

or go to menti.com & enter **3941 0472**

Agile Board for Today

APIForce Community



TODO

API Trends 2022



API-led Approach at Sika



Wrap-up, closure & next steps



DONE

Welcome & Introduction to APIForce





API Trends 2022

APIForce 1.0

Amir Khan, API Activist

apiForce
embrace and exchange

Let's get the community trends

The voice of the community



<https://www.menti.com/hq5tu33vxp>
or go to menti.com & enter **9771 7876**

Top API Trends 2022

APIForce Community



Design-First

Design-Test-First

Zero Trust

Security-centric

Composable
Business

Share & Reuse

API Lifecycle Mgmt.

API as Product

Hyper Automation

RPA Integration

No Code /
Low Code

API as enabler

AI + ML

API as enabler

API as Product

API-First

Business
Technologist

Innovation

Multi-protocol

Mix of pattern

Multi-Cloud

Flexibility

Communities

API Portals

Top API Trends 2022

APIForce Community



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Multi-protocol

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Multi-Cloud

Flexibility

Communities

API Portals

API Design First Approach

Drawbacks of Code-First

Design-First

Specification

Sprint 1

Sprint 2

Sprint 3

Sprint 4

Sprint 5

Sprint 6

Go-Live

API TEAM

UI TEAM

Drawbacks of Code-First

Design-First

Specification

Sprint 1

Sprint 2

Sprint 3

Sprint 4

Sprint 5

Sprint 6

Go-Live

API TEAM

usersAPI

registrationAPI

orderAPI

productAPI

paymentAPI

invoiceAPI

notificationAPI

trackingAPI

claimAPI

discountAPI

guestAPI

deliveryAPI

shipmentAPI

passwordAPI

geoServiceAPI

API development starts here

UI TEAM

loginPage

registrePage

explorePage

productPage

invoicePage

paymentPage

trackingPage

claimPage

supportPage

ordersPage

messagesPage

deliveryPage

passwordPage

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Design-First

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Go-Live

API TEAM

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passwordAPI

geoServiceAPI

API development starts here

UI development starts here

UI TEAM

Idle time for UI development

loginPage

registrePage

explorePage

productPage

invoicePage

paymentPage

trackingPage

claimPage

supportPage

ordersPage

messagesPage

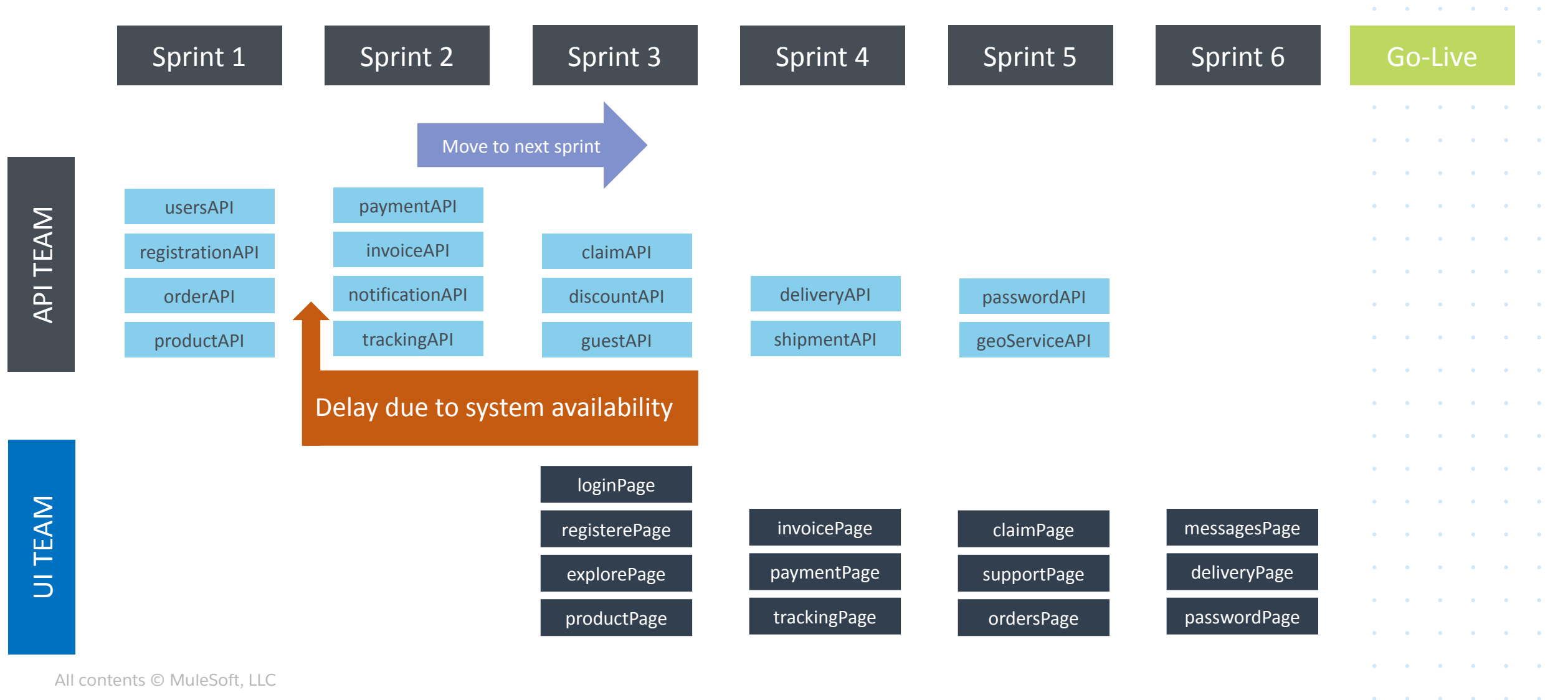
deliveryPage

passwordPage

Drawbacks of Code-First

Design-First

Specification



Drawbacks of Code-First

Design-First

Specification

Sprint 1

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Go-Live

API TEAM

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geoServiceAPI

Causing delay in frontend dev.

loginPage

registrePage

explorePage

productPage

invoicePage

paymentPage

trackingPage

claimPage

supportPage

ordersPage

messagesPage

deliveryPage

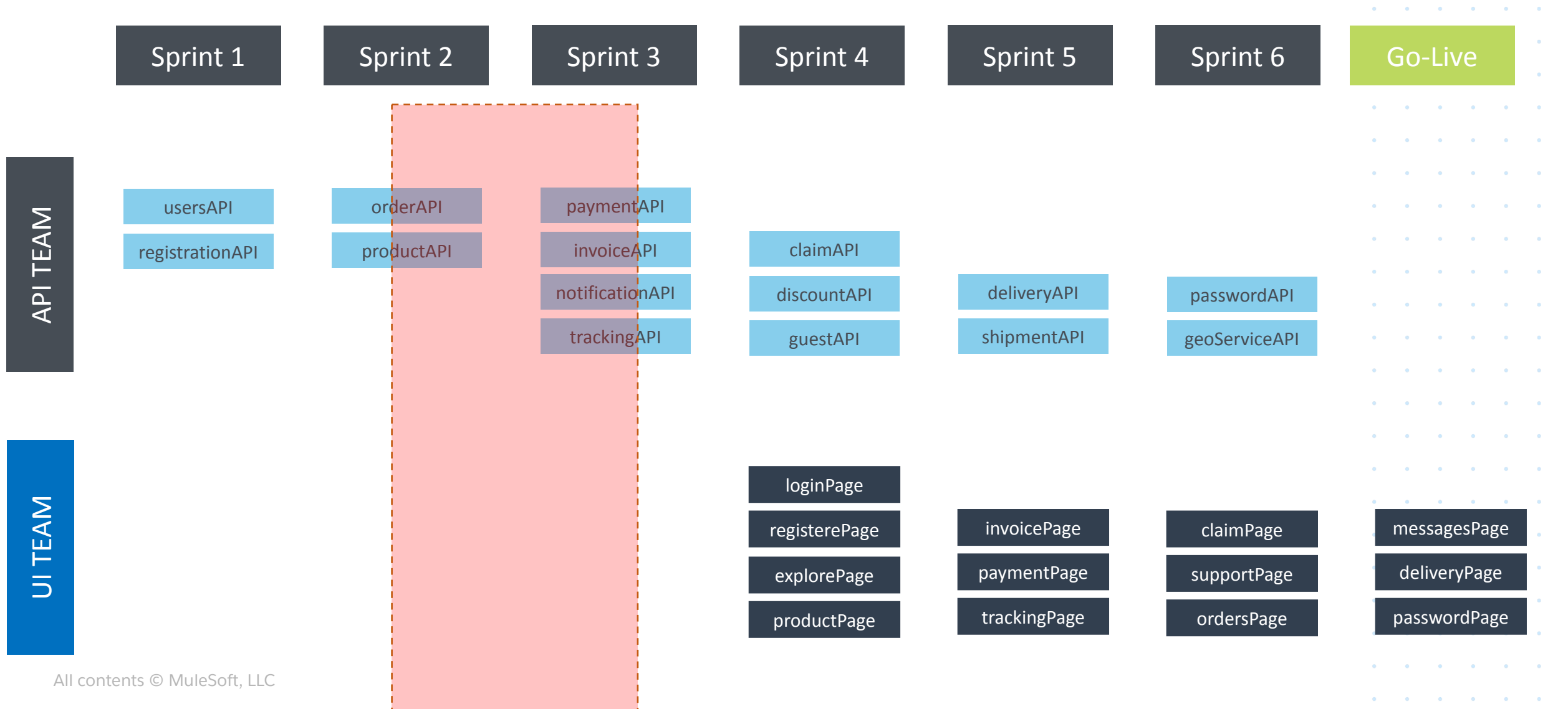
passwordPage

Move to next sprint

Drawbacks of Code-First

Design-First

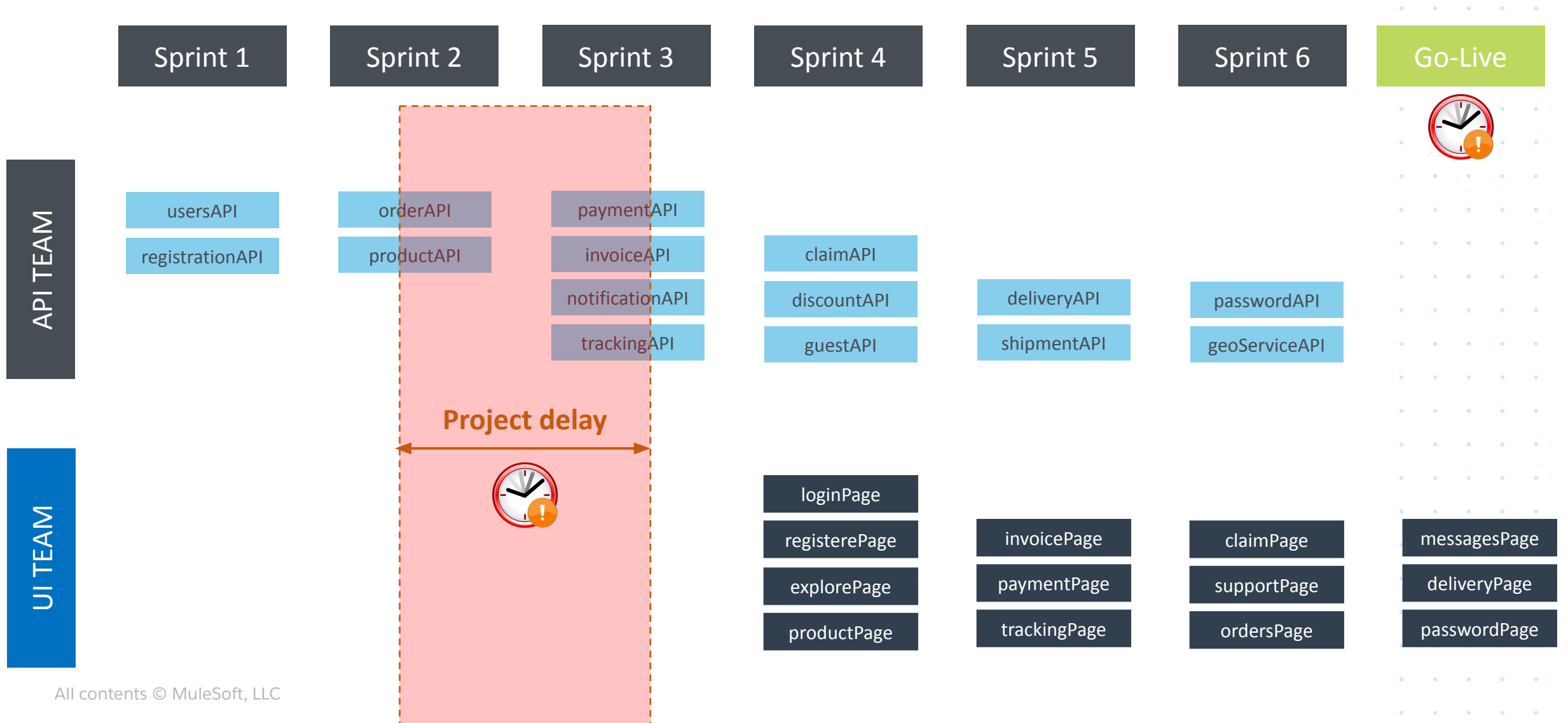
Specification



Drawbacks of Code-First

Design-First

Specification



API Design First Approach

Design-First

Specification

Sprint 1

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Sprint 3

Sprint 4

Sprint 5

Sprint 6

Go-Live

API TEAM

UI TEAM

API Design First Approach

Design-First

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API TEAM

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guestAPI

deliveryAPI

shipmentAPI

passwordAPI

geoServiceAPI

Start with API design & prototype incl. mocking service

UI TEAM

loginPage

registrePage

explorePage

productPage

invoicePage

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claimPage

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API Design First Approach

Design-First

Specification

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Go-Live

paymentAPI

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registrationAPI

orderAPI

productAPI

claimAPI

discountAPI

guestAPI

notificationAPI

trackingAPI

passwordAPI

geoServiceAPI

deliveryAPI

shipmentAPI

UI development can start earlier

loginPage

registrePage

explorePage

productPage

invoicePage

paymentPage

trackingPage

claimPage

supportPage

ordersPage

messagesPage

deliveryPage

passwordPage

Shift-left

▲ Mocking Service

API TEAM

UI TEAM

```

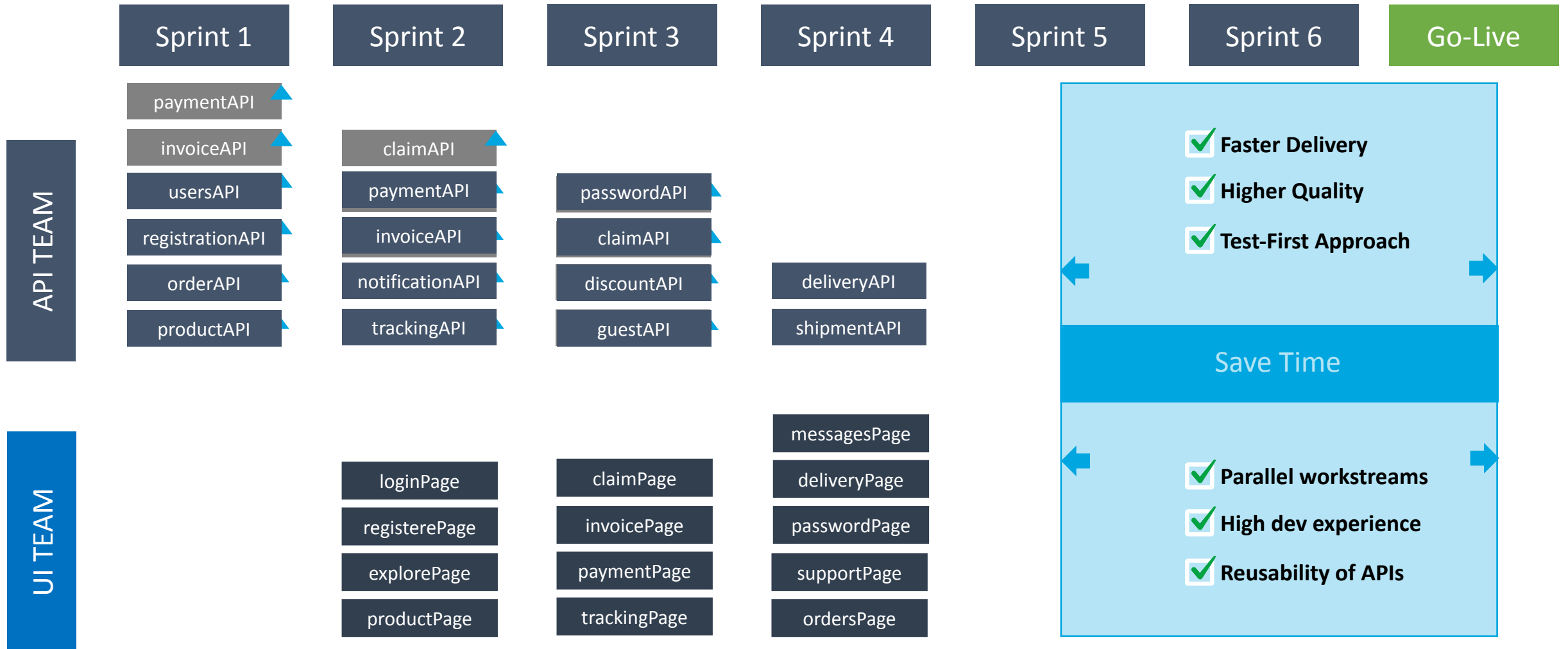
graph TD
    A[Design-First] --- B[Specification]
  
```



API Design First Approach

Design-First

Specification



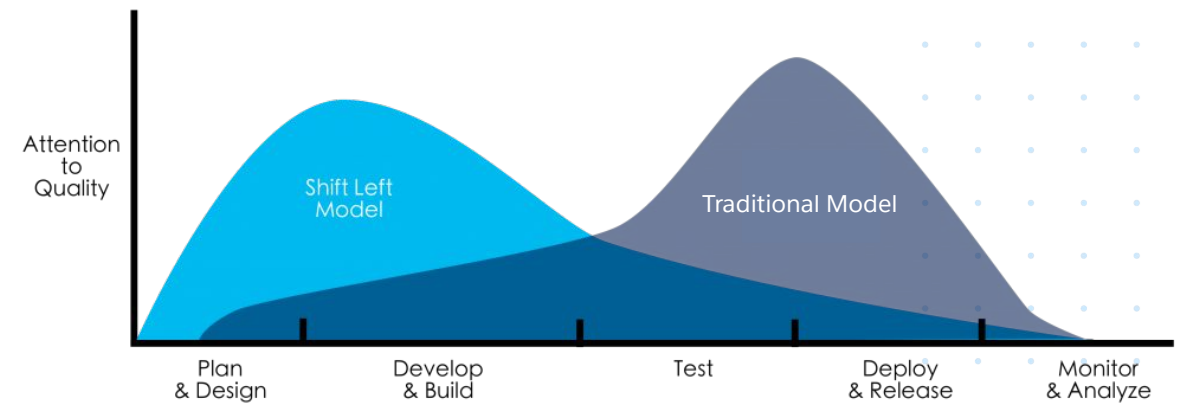
Challenges Design-First solves

APIForce

- Clear specifications and expectations
- Contract with the consumers before development
- Enables parallel consumer development (front-end, integration, etc.)
- Enables *Design and Test First* approach
- Well-designed and -documented, consistent APIs provide **positive consumer experiences**

Design-First

Specification



Zero Trust

Traditional Perimeter Approach

APIForce Community

Zero Trust

Security-centric



API GATEWAY



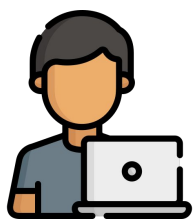
Backend

Traditional Perimeter Approach

APIForce Community

Zero Trust

Security-centric



API GATEWAY



Backend

Zero-Trust Approach

APIForce Community

Zero Trust

Security-centric



Backend

Challenges Zero-Trust solves

APIForce

Zero Trust

Security-centric

- Reduces business and organizational risk
- Access control in a distributed fashion
- Secures multi-/hybrid cloud strategies
- Helps reduce the risk of a data breach
- Supports compliance initiatives



Composable Business

Benefits of Composable Business

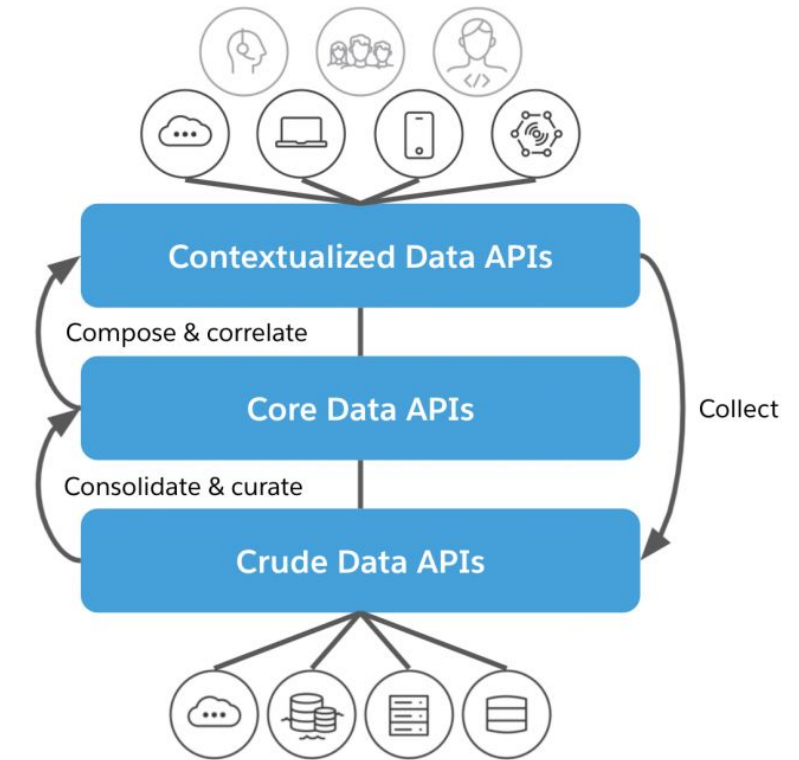
APIForce

- Deliver innovations faster by reusing existing digital capabilities
- API as enabler to drive change
- Collaboration at the center of everything
- Organization self discoverability
- Transformation of CoE

Value Delivery

Value Creation

Value Capture



API Lifecycle Management

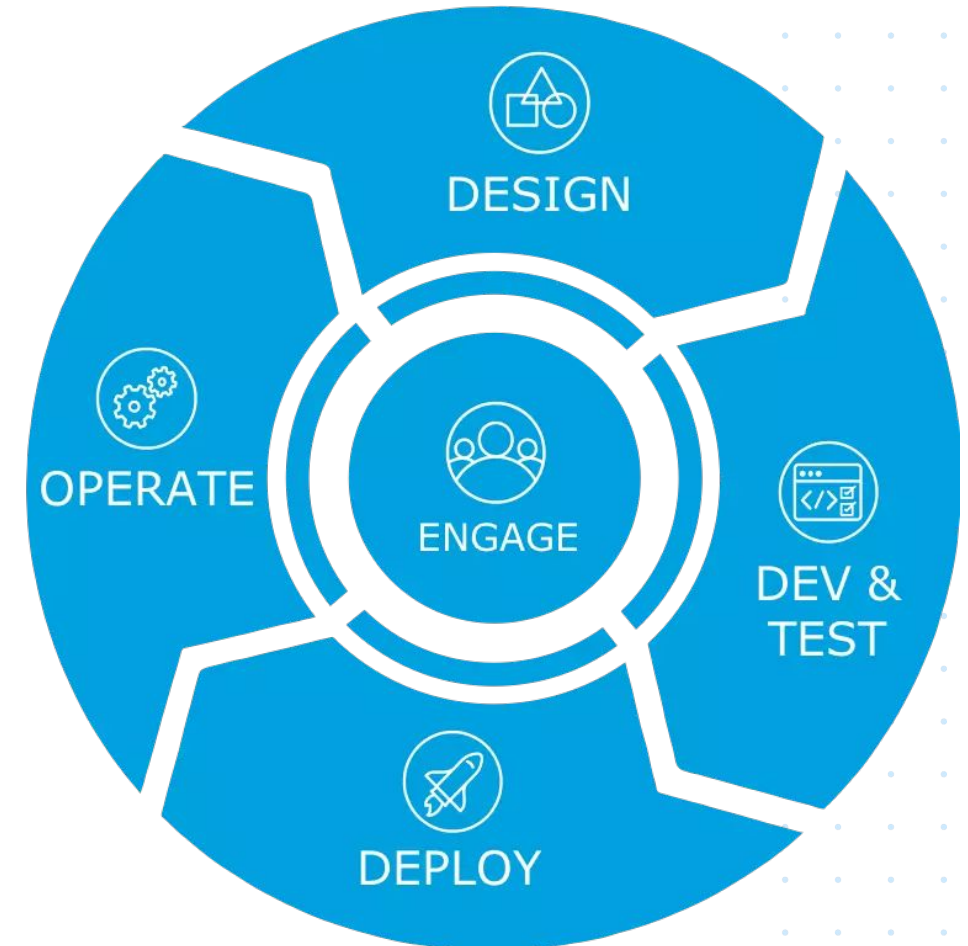
Benefits of API Lifecycle Management

APIForce

API Lifecycle Mgmt.

Agility

- **Only** API Management is not sufficient anymore
- Full process and traceability is required on the APIs
- Need for parallel version deployments
- Reusability & sharing
- Role-based access to artefacts



Hyperautomation

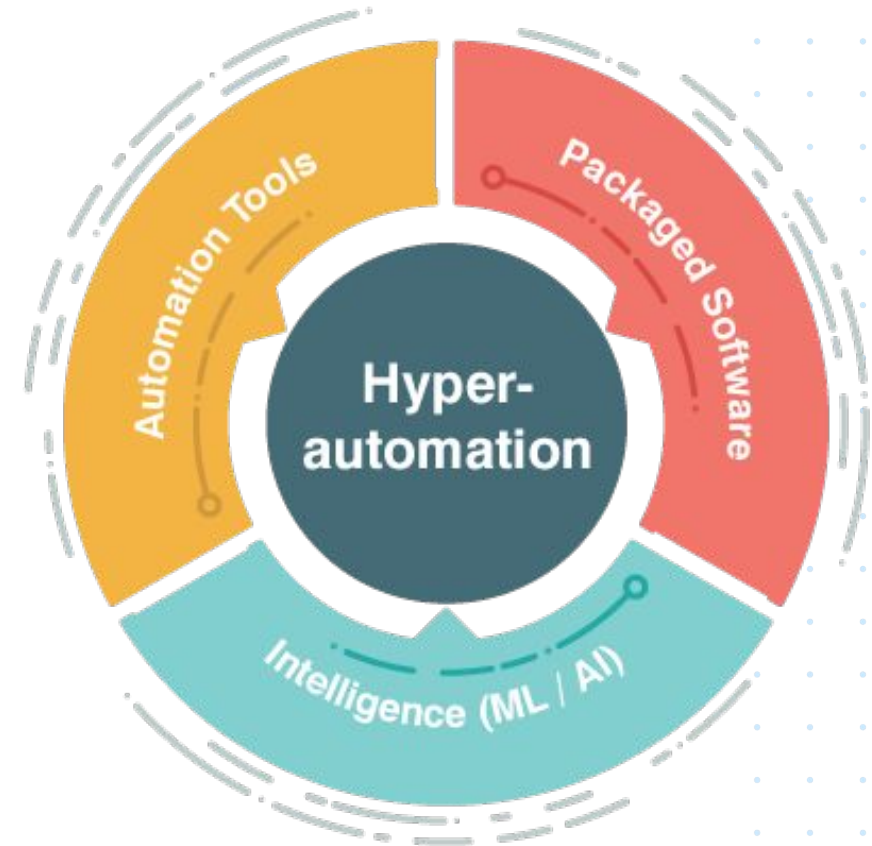
Benefits of Hyper-automation

APIForce

Hyperautomation

RPA Integration

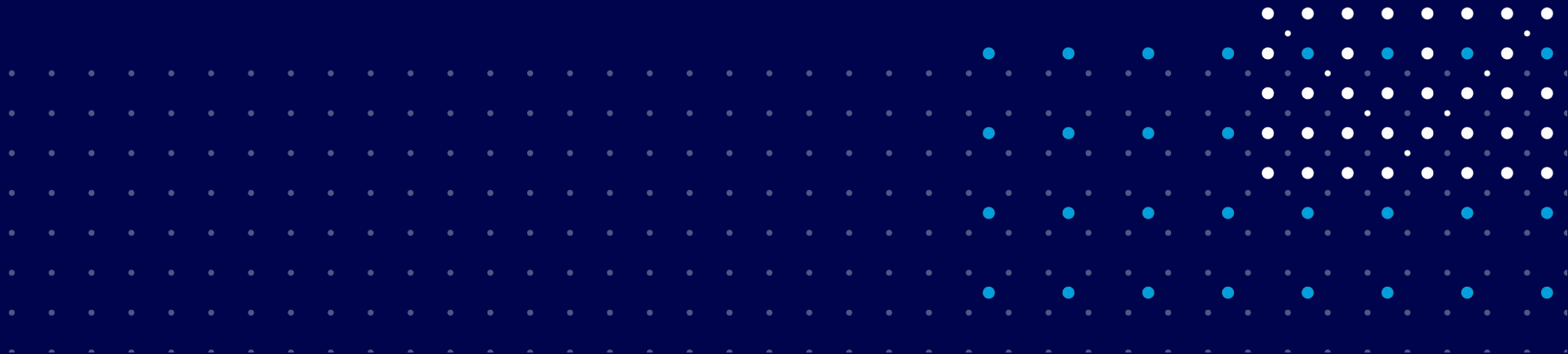
- Supports deployment of multiple technologies such as Low-code, RPA, APIs, Machine Learning to increase the overall Automation
- Citizen and expert automation engineers contribution
- Overall goal is to increase operational efficiency and productivity





Questions?

API Trends 2022



Agile Board for Today

APIForce Community



TODO

API-led Approach at Sika



30 min

Wrap-up, closure & next steps



15 min

DONE

Welcome & Introduction to APIForce



15 min

API Trends 2022



30 min



API-led Approach at Sika

Raul Jimenez



Agile Board for Today

APIForce Community



TODO

Wrap-up, closure & next steps

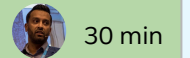


DONE

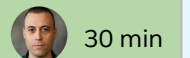
Welcome & Introduction to APIForce



API Trends 2022



API-led Approach at Sika





Wrap-Up and Next Steps

Fiona Leibundgut, Creativity Success Artist



Coming up next...

API Community



APIForce - Embrace & Exchange

Zurich

Fri, Mar 18, 1:00 PM (CET)



Agile Board for Today

APIForce Community



TODO

Register for the Onsite Event on 18th March 2022

7 weeks to go

DONE

Welcome & Introduction to APIForce



15 min

API Trends 2022



30 min

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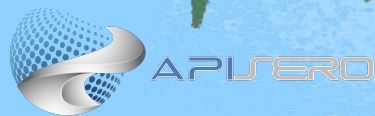
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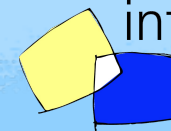
Vontobel



DENNER

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