



**SAP
Innovation
Awards 2019**



SAP Innovation Awards 2019 Entry Pitch Deck

**SAP in-house GAME CHANGER. Digital Transformation with
Process Builder Tool for Web & Mobile device application**

AIR & INFINITY

THE BEST RUN





<https://youtu.be/cD70E5Gy4nc>

Other references: <https://youtu.be/bCubZjZMoOK> or <https://youtu.be/sTv6dVPZtmE> - To Create an application

Permanent Address

House No & Street Name Village/Town/City

Police Station State/UT

District Pin

Residential Phone Number

Emergency contact Add Remove

Select All	Name	Surname	Phone/Mobile	Email
<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Important Declarations

Have you ever been charged with criminal proceedings or is any arrest warrant/summon pending before a court in India? Yes ▼

Have you at any time during the period of 5 years immediately preceding the date of this application been convicted by a court in India for any criminal offence and sentenced to imprisonment for two years or more? Yes ▼

Have you ever been refused/denied passport? Yes ▼

Has your passport ever been impounded or revoked? Yes ▼

Have you ever applied for or been granted political asylum to/by any foreign country? Yes ▼

Have you ever returned to India on Emergency Certificate(EC) or were ever deported or repatriated? Yes ▼

DESKTOP

TRAVEL DETAILS

PURPOSE CLAIM CURRENCY

FROM DATE TO DATE

TRAVELLERS Add Remove

LOCATION VISITED Add Remove

MOBILE

TRAVEL (AIR/TRAIN/METRO/OTHER TRANSPORTS) Add Remove

TRAVEL PASS Add Remove

MILEAGE CLAIM Add Remove

FOODING Add Remove

Digital Transformation with Process Builder Tool

AIR & INFINITY



“Quote”

Let's innovate something...Let's design it dynamic..

Challenge

Digital Transformation for several processes with design adaptability to different devices like mobile , tablets and desktop consumes huge deployment time and cost.

Solution

The Process Builder Tool will create responsive applications for mobile, tablets and desktop with a simple excel file.

Outcome

1. Will encourage more applications as Time will reduce and so will cost. Thus getting more ready for Digital Transformation. Enhanced user experience.
2. These applications will give organized data and so can be used for analytics .

70-80% reduced deployment time

Less Cost

Enhanced user experience and Digital Transformation.



Partner Information

Cannot be disclosed
Developer / Solution Architect



More we automate processes...more we comply to process..more we reach to complete digitization..





Business Challenge & Objectives

1. Digital transformation. Deploying all approval applications carried out in paper with dynamic workflow applications. Thus going paperless.
2. Device compatible applications. Flexibility of using the applications in several devices for the ease of work.
3. Dynamic movement of workflows enabling more appropriate decision. With ease of application tracking, printouts, reports and cancellation process.

Single point of application creation(with simple excel upload) for web and mobile application both along with application logs, prints, reports.

With the legacy tools of SAP, no need to create applications for iOS, android or Web separately. Thus, reducing time and cost to create applications for web and mobile with simple excel upload.



Project / Use Case Details

Approval Processes in an organization which are carried out in papers can be easily replaced.

Any approval process needed to run an organization. Applications can be structured to give organized data sets for analytics.

1. Bill Reimbursement
2. Feedback Forms
3. EL Encashment
4. LTC/HTC Advance
5. GPF/CPF
6. Company Guest House Booking
7. Employee Personal Information Change.... And many such processes...



Benefits and Outcomes

Business / Social

Digital transformation of Approval Processes

IT

Decisions are captured and can be referred anytime.

Adaptability to several devices will encourage user experience.

Uniformity in design pattern will help users to adjust to the application environment.

Redundancy of same application creation for different devices will be prevented.

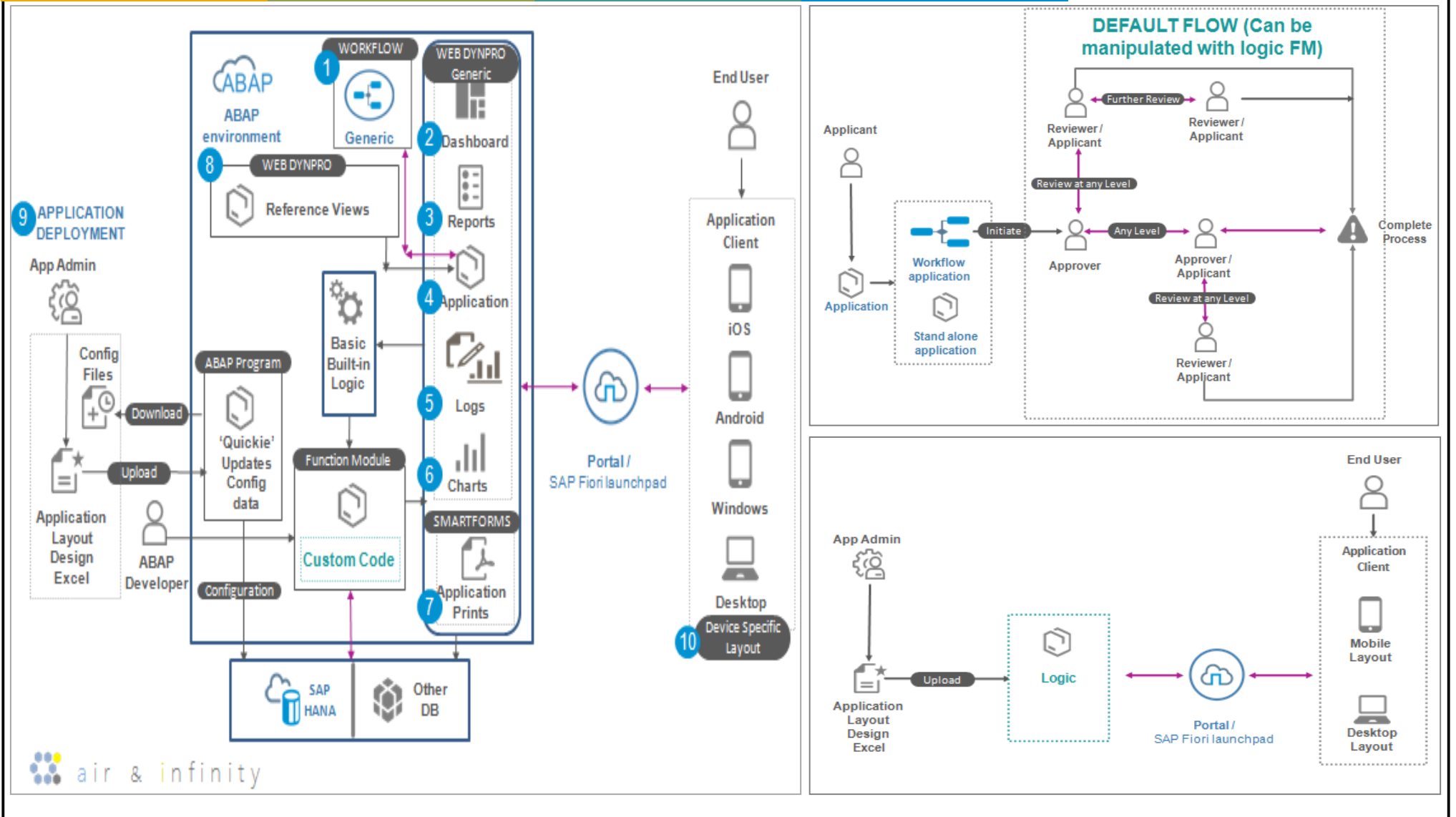
Human Empowerment

Application can be deployed with basic knowledge of EXCEL and can be done by a non-programmer too.

Reducing dependencies over different language programmers to just SAP's own language ABAP.



Architecture





Deployment

Date of Deployment or POC: 01.02.2018

Number of live users: 2000

SAP Technologies Used:

SAP Web Dynpro

Production(Live)

SAP Workflow

Production(Live)

SAP Smartforms

Production(Live)

Server Processor: unknown

Linux Distribution: unknown



Emerging Technologies and Use Cases

The following Emerging Technologies and use-cases are part of the project and describe the contribution

	Technology or Use Case	Yes/No	Contribution to Project
1.	Machine Learning / Artificial Intelligence		
2.	IoT		
3.	3D printing		
4.	Blockchain		
5.	API Economy / Integrate the Intelligent Enterprise		
6.	Cloud Native / Event Based Architectures	Yes	
7.	Extending the digital core with SAP CP / ABAP in SAP CP	Yes	
8.	SAP Leonardo Application (extending SAP application, using Industry Innovation Kits or result of Design Thinking workshop)		