



# CHANEL

## Beauty Plan & DCT



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PROPOSAL – Build phase





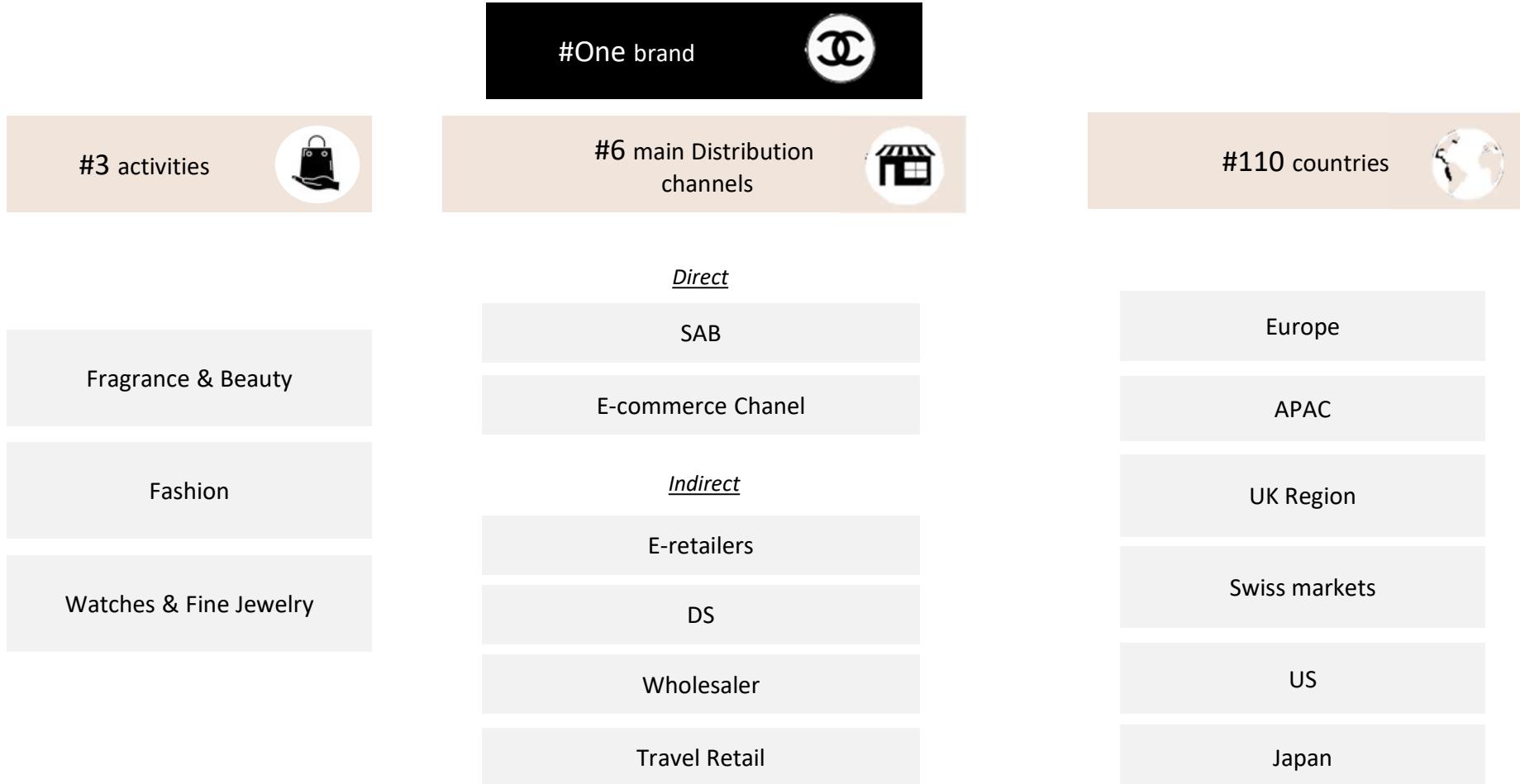
# Objective

Update our proposition post discovery phase

# Agenda

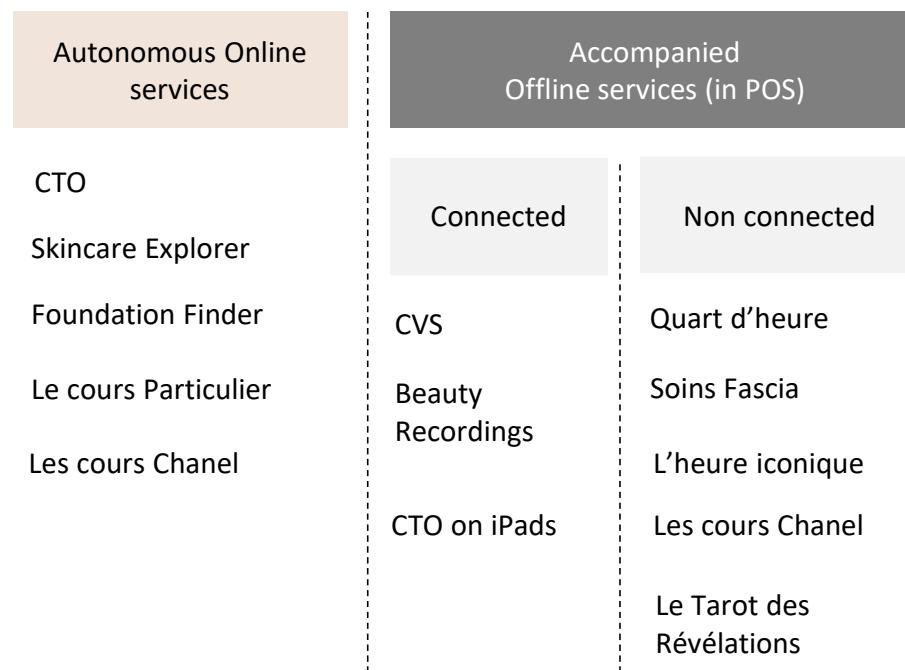
- 1 Context & ambition**
- 2 MVP: our proposal**
- 3 Budget proposal**
- 4 Niji & our references**
- 5 Appendices**

# The House of CHANEL, worldwide leader in the luxury goods market...



# ... is accelerating the development of its F&B online and offline services

## A new ecosystem of F&B services



## With objectives...

- Offer a personalized experience and custom recommendations to the customer
- Create an “Emotion Moment” with the visitor, marked by the Chanel brand & spirit
- Increase the visibility of some products and improve sales conversion

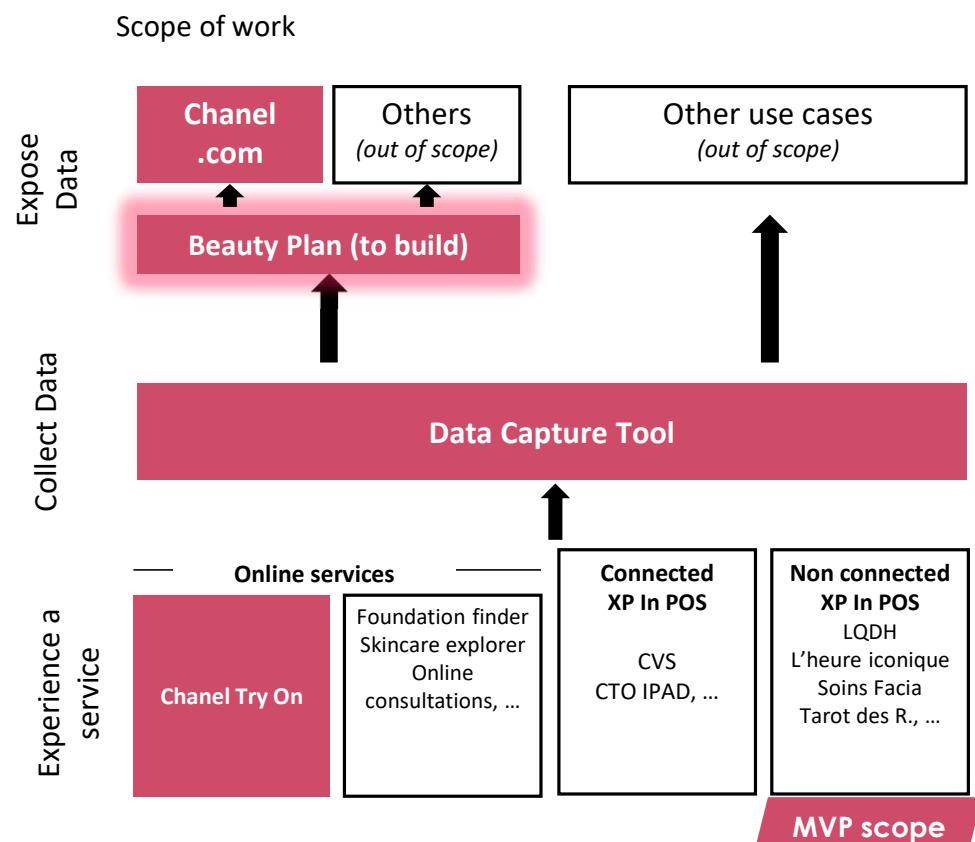
## ... And challenges

- The collection, storage and use of customer data resulting from these experiences
- The heterogeneity of user profiles (*multiple markets, multiple customer segments..*) that makes customer engagement through service alone complex
- The analysis of the link between service usage and purchase

# To keep the momentum with its customers, Chanel wishes to develop a new “Beauty Plan” module

The Beauty Plan is an omnichannel feature for a client that will rely on the Service Data Capture to collect & expose service data

- Data Capture Tool (DCT), will **capture** data from services and **expose** them in the Beauty Plan
- DCT will also support **other use cases than Beauty Plan** which are **out of scope of this project**
- The services were organized in clusters:
  - Cluster 1: MVP Online CTO Service
  - Delivery of the Beauty Plan Front pages
  - Securitization of the connection with the DCT
  - Clusters 2, 3, 4
    - Integration of remaining online services
    - Connected services in Point of sales (PoS),
    - Non-connected services in POS



This proposal scope is the 1st cluster of the project

# We have a good level of readiness to launch the MVP Build phase

The 1<sup>st</sup> phase of discovery lead NIJI to frame a perimeter that is buildable, shippable to production.

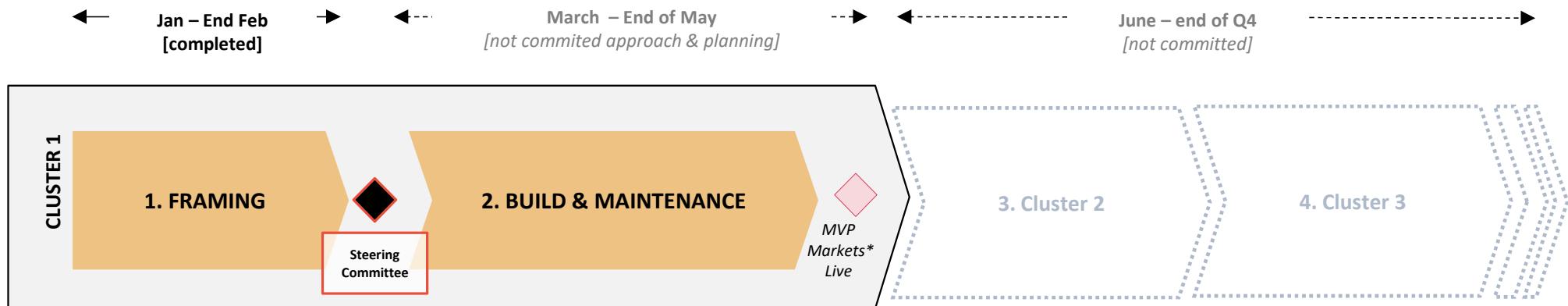
The build should start to secure the planning convergence with Chanel GDS and deliver the MVP scope in accordance with the rollout planning.

This proposal relies on the outputs of the framing phase, on the 03/02/2023, updated with the outputs from the 23/02/2023 considering new feedbacks received during Tech Design and backlog sign-off meetings.

Assumptions were made in accordance with Chanel to complete the requirements specification. These assumptions are based on our common and current knowledge about future dependencies such as APIM interface contract. Assumptions are written down into the outputs mentioned in the following slide.

Requirement to launch the build phase	Level of Readiness	Comment
Backlog and Functional inputs (scope, journeys, mock-ups, copies)	Good	Validation meeting done on Feb. 28th
Technical design	Good	Validation meeting done on Feb. 16th
Dependencies mastery with GDS	Good	2 joint planning meeting done on Feb 17th and 23rd
DCT readiness	Good	Validation meeting done on February 09th
Test & rollout strategy	Good	2 workshops and sign-off meeting done on January 24 <sup>th</sup> and February 15 <sup>th</sup> - Activities and key stakeholders identified – RACI and approach to validate with Chanel by March 06th

# Framing phase completed



## Framing phase deliverables

Product backlog definition	2302023_BP MVP_Scoping_Stream backlog_V4.6	23/02/2023	Delivered
Projection of the build planning & iterations backlog	This document	14/03/2023	Delivered
Definition of the rollout strategy	230203_BP MVP_Scoping_Stream Rollout strategy and activities_VNIJI	23/02/2023	Delivered
Technical architecture	230214_BP MVP_Scoping_Stream Tech_DAT_V5	23/02/2023	Delivered
Definition of the test strategy	230213_BP MVP_Scoping_Stream Test Strategy_Niji	23/02/2023	Delivered
DCT	230208_BP_Scoping_MVP_DCT sign off_v2	23/02/2023	Delivered
Costing MVP	This document	14/03/2023	Delivered
Accessibility Requirements	ONEECO-MyBeautyPlan-AccessibilityRequirements-170223-0721	10/03/2023	Delivered

The current proposal relies on assumptions made in these deliverables.

# The work presented for the framing phase is the result of joint work with various teams from Chanel

## Approach

8

**Weeks of Framing phase,  
grouping Discovery & Build Set up**

~40

**Workshops covering all workstreams  
with +25 dedicated to Tech Architecture Design**

15+

**Teams involved**

**F&B**

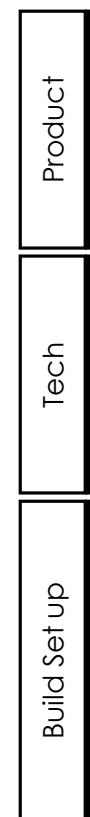
\_E-business  
\_IT Digital F&B  
\_Security  
\_La Collection

**GDS**

\_Product  
\_Technical  
\_Architecture  
\_Expertise  
\_QA

**GLOBAL**

**ARCHITECTURE  
SECURITY  
INFRASTRUCTURE**  
**GIGYA  
PEARL  
APIM**



## Workstreams

WS #1 – Customer/User Journeys

WS #2 – UX & UI design requirements

WS #3 – Market requirements (Legal, Copies)

WS #4 – DCT assessment

WS #5 – Technical Architecture

WS #6 – Tests & roll out strategy

WS #7 – Backlog

WS #8 – Joint planning

WS #9 – Build technical set up

WS #10 – Build methodological set up

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Update our proposition post discovery phase



# Agenda

**1 Context & ambition**

**2 MVP: our proposal**

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## 2.1 MVP build assumptions



# Beauty Plan MVP backlog items considered for the planning

EPIC 0 Create my Make-up looks	EPIC 1 Consult my gallery with no look	EPIC 2 Consult my gallery with at least one look	EPIC 3 Consult my look in details	EPIC 4 Manage my look
<p><b>DF 1</b> Access to a new section "My Beauty Look"</p>	<p><b>TS 0</b> Set-up BP FE and BFF Manage the URL redirection to access Beauty Plan</p> <p><b>US 1</b> Consult my gallery page with no look – « <b>Find your look</b> »</p>	<p><b>US 3</b> Consult my gallery page <b>with one look</b></p> <p><b>US 4</b> Consult my gallery with <b>more than one look</b> (without arrows &amp; lazy load)</p> <p><b>US 5</b> See <b>all my looks</b> (with arrows &amp; lazy load) - <b>desktop</b></p> <p><b>US 6</b> See <b>all my looks - mobile</b></p> <p><b>US 14</b> Go back to my account homepage from my look gallery</p>	<p><b>US 7</b> Consult my <b>look in details</b></p> <p><b>US 8</b> <b>Add a product to Wishlist</b></p> <p><b>US 9</b> <b>Access the PDP</b></p> <p><b>US 10</b> Consult my look with at least <b>one product no longer available</b></p> <p><b>US 15</b> Manage access to a look that doesn't exist</p> <p><b>US 16</b> Go back to my gallery from a look detail page</p>	<p><b>US 11</b> <b>Delete my look</b> from my Beauty Plan</p> <p><b>US 12</b> <b>Download my look</b></p> <p><b>US 13</b> <b>Consider my language choices</b></p> <p><b>DF 5</b> <b>Delete</b> my account</p>
<p><b>DF 2</b> Save a look from CTO experience</p>				
<p><b>DF 3</b> Confirm my look creation</p>				
<p><b>DF 4</b> Manage the BP activation</p>				

- Figma mock-up as known on the 23<sup>rd</sup> of February 2023.
- scope: MVP countries (awaiting legal validation: FR, UK, JP and US) with CTO + My Account
- Detailed user stories as known on the 23<sup>rd</sup> of February 2023.

**DF**: Dependency feature managed by GDS

**US**: Beauty Plan User Story

**TS**: Beauty Plan Technical Story

# Technical assumptions

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## 1. Technological orientations

- **Implementation** of a **Back For Front** to facilitate calls to channel ecosystem APIs, based on a **highly scalable & stateless architecture**
- Beauty Plan integration in chanel.com via **an HTML connector** (backend API for downloading front-end assets consumed by chanel.com server)
- **Chanel Azure DevOps** for deployment (environments & CICD)
- **No persistence in front application** (database / file system)
- NIJI will provide in API contract to support the only usage in chanel.com. Usage for other endpoints may require another estimate & planning ;

## 2. Data Capture Tool

**2 components deployed** by Chanel IT F&B to address types of data which are not handled yet by Pioneer:

- **Salesforce** for Experiential data (data generated by a service & result of the service: BA, products, recommendations, tips, scoring ...)
- **Amazon S3** for personal visual assets (media asset that are the results of a service: client's picture, video recording ...).
- **Amazon S3** folders will be referenced with the SHA512 hash provided by the DCT (securization of the Gigya ID);
- **Amazon S3** hierarchy is used as is ;

The Data Capture Tool is a global system which addresses all regions in scope. There are no local specificities either for Salesforce or Amazon S3.

## 3. SPRINT 0

- The **Sprint 0** is the mandatory and required phase before considering this proposal as effective ;
- NIJI will provide the **API contract** for My Beauty Plan, targeting the only requirements of the MVP like described in the backlog as an output of the framing phase.
- No charge is included to **rework this contract** for another needs ;
- NIJI will provide **HTML connector** ;
- NIJI will provide **mocks** for development purposes. Any difference between the dependency interface contract and the initial mock will be out of scope ;
- No charge for **Sprint 0** ;

## 4. Environment mapping aligned with recommendations

Beauty Plan	SF	Amazon S3	Chanel .com	Pearl	APIM	Gigya
Development environments are not connected to each other						
INT	Dev sdbox2	INT	INT1	INT	INT	INT
UAT	UAT	UAT	UAT	UAT	INT	UAT
OAT	Preprod	OAT	OAT	OAT	PROD	OAT
PROD	PROD	Prod	PROD	PROD	PROD	PROD

This environment map may evolve, any further significant change may trigger a revision of this proposal.

# Technical assumptions

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## 5. Technological hypothesis

- Use of **SDK for Wishlist to ensure perennity of calls to chanel.com** (no impact of headless migration).
- **Unicity of Gigya ID** for a user for a market (used as a pivot);
- **Gigya as source of user authentication.**
- Connection to Pearl as only source of product information (before Chanel.com migration to Pearl).
- Built as a **Single Page Application** (SPA);
- **Mobile-first** development approach;
- No specific development for **browser arrows** (next/previous)
- ~~Mobile iOS: iOS latest version (60% installed base) support;~~
- ~~Mobile Android: Chrome latest version support;~~
- **Landscape mode** implemented in best effort (no specific development related to a new landscape mode layout);
- Beauty Plan deployment on Chanel.com as a **core feature**.
- Using **fragments in URLs** to limit SEO impacts and allowed bookmark on each look;
- No integration of dynamic **header nor footer** ;
- **Using lazy load** to better balance experience & technical performance;
- **Internationalization:** 9 languages and related stylesheets are being planned in MVP, specifications being provided by Chanel during the sprint 0. NIJI will generate resources and styles directly from it (with no transform) ;
- No specific **performance** nor **security requirements**: NIJI will make use of the best practices and highest standards of design & development;
- Expected target **volumetry**: maximum 115 000 daily calls to Salesforce (related to current SF license limit) ;
- No specific **design for failure** ;
- No **UX/UI** tasks handled by NIJI;
- ~~1 month warranty~~ after the end of acceptance phase;
- **No run nor reversibility** after warranty ;
- CI/CD setup further than integration / UAT / OAT will be taken over by Chanel IT ;
- **Environments** other than INT handled by Chanel IT;
- All **RGPD** constraints are validated by Chanel;
- **Tagging plan** (GTM) is provided and integrated by Chanel ;
- The required **testing dataset** is provided by Chanel on request by NIJI ;
- No specific **deployment strategy at feature level** (feature flipping) ;
- Amazon S3 bucket for the project is unique. NIJI will use its folder structure as is, given that only 1 resource should be stored in each look ID folder,

**This proposal relies on acceptance of the deliverables as made available on 23 February 2023.**

**Any further change of input deliverables and/or assumptions may trigger a revision of this proposal.**

# Specific assumptions

## Specific assumptions made on product backlog items

- **US-1 – Consult my gallery page with no look “find your look”**
  - Title and description are not contributed;
  - All BP screens do have the same URL, then navigation is done with fragments;
- **US-3 – Consult my gallery page with one look**
  - Information about the maximum number of looks allowed for the user is not included;
  - All looks retrieved in lazy loading;
  - Save look CTO: the maximum number of saved looks is set within environment variables (redeploy required to take effect);
  - Between 1 and 3 products are testable;
  - Product ordering edition is done with environment variables (redeploy required to take effect);
  - The pictures used in the project are supposed to be preprocessed by Chanel (crop, center, resize), ready to integrate by NIJI.
- **US-6 – See all my looks - mobile**
  - Overriding left/right arrows cannot be done on smartphone, feature only available on desktop;
- **US-8 – Add a product to wishlist**
  - The design system provided by Chanel will include all required UI assets such as a spinner ;
- **US-10 – Consult my look with at least one product no longer available**
  - Chanel will provide the banner as a component ready for integration ;
- **US-11 – Delete my look from my beauty plan**
  - Deletion is logical: only the link between the user and the look is deleted ;
- **US-12 – Download a look from My Beauty Plan look details**
  - The “download” feature will trigger the native OS sharing feature ;
- **US-13 – Provision of the language choices**
  - Language (ex: French) and region (ex: France) will be retrieved from Chanel.com within the URL.
  - If MBP does not support the language retrieved from Chanel.com, a fallback to default fixed language/region will be done ;
  - The default language/region will be edited within environment variables (redeploy required to take effect) ;

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# Specific assumptions

## Specific assumptions made on testing strategy

The build perimeter considers the design and the execution of non-regression tests, on the following targets :

Desktop	Mobile	Tablet
Chrome 100	Safari 15	Chrome 100
Chrome 101	Safari (in-app) (not set)	Chrome 101
Chrome 102	Safari 14	Chrome 102
Chrome 103	Chrome 103	Chrome 103
Chrome 104	Safari 604	Chrome 104
Safari 14		Safari (in-app) (not set)
Safari 15		Safari 12
		Safari 15
		Safari 604

## Specific assumptions about accessibility

The following requirements are excluded from this proposal since they require extra workshops and/or specifications :

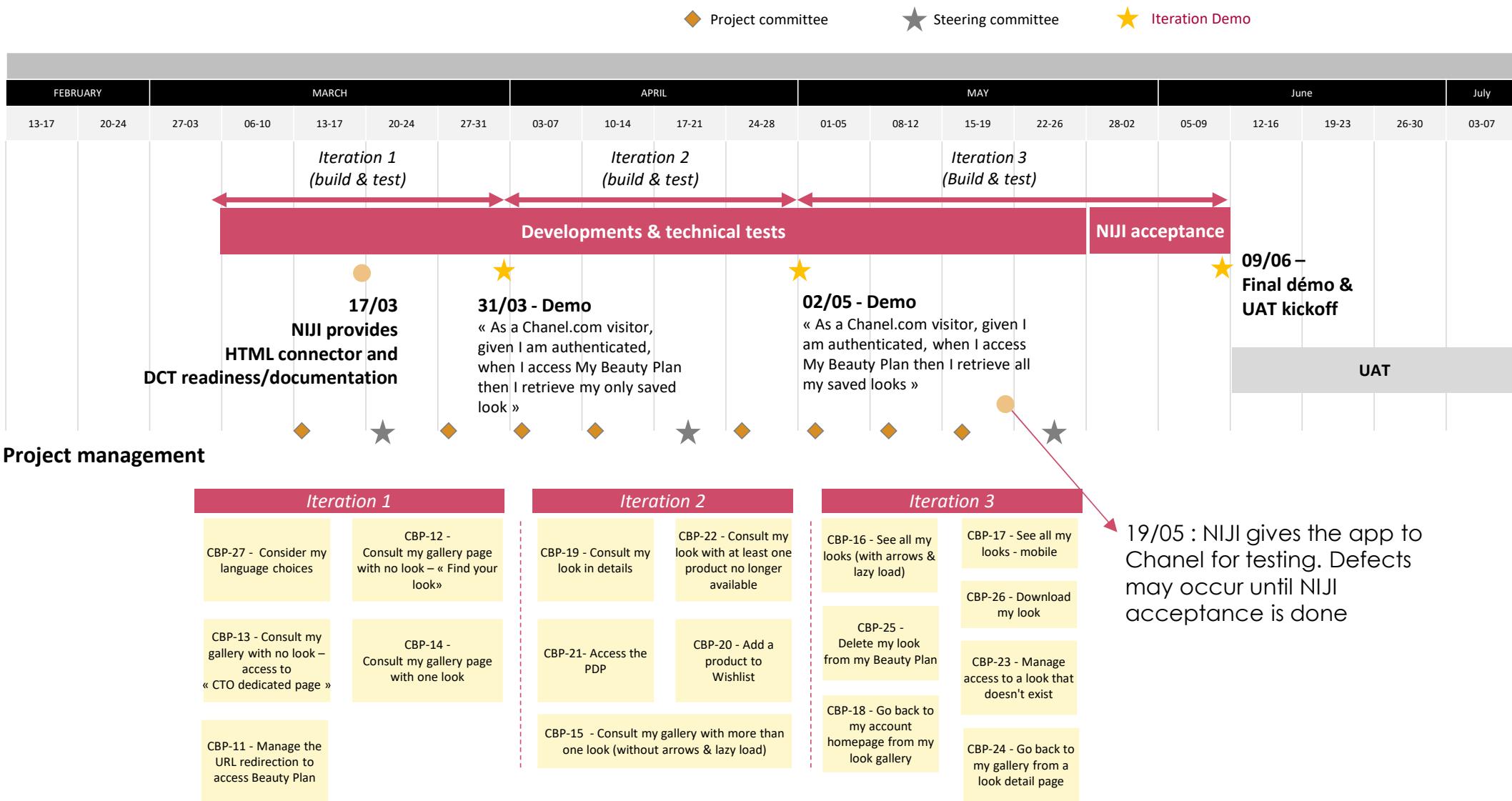
- « Les utilisateurs peuvent zoomer à 200% sans perte de contenu »
- « Les utilisateurs peuvent changer l'orientation de l'appareil sans perte de contenu »

**This proposal relies on acceptance of the deliverables as made available on 23 February 2023.**

**Any further change of input deliverables and/or assumptions may trigger a revision of this proposal.**

# MVP build planning

3-iteration of development, demo and test to build the MVP scope



# MVP global acceptance planning

NIJI at your side during global acceptance tests until go live

		June					July				August				September				
22-26	28-02	05-09	12-16	19-23	26-30	03-07	10-14	17-21	24-28	31-04	07-11	14-18	21-25	28-01	04-08	11-15	18-22	25-29	
Developments		NIJI acceptance		UAT – NIJI perimeter					BP program Global acceptance End-to-end tests NIJI/Chanel										BP program Global acceptance End-to-end tests NIJI/Chanel (optional)



**09/06 - Démo**  
MVP backlog

19/05 : NIJI gives the app to Chanel for testing. Defects may occur until NIJI acceptance is done

The following tests can start from

Chanel side :

- End to end tests,
- Pen tests,
- Stress tests,
- SIT tests

**Any defect following these tests may not be addressed by NIJI before the end of UAT – NIJI perimeter phase.**

NIJI assists Chanel until MBP give:

- Analyzing defects ;
- Fixing and deploying fixes ;

Chanel runs tests within NIJI perimeter so that any proven defect is related to NIJI fixed-price engagement,

- All tests should be run at least once, within a timeframe of 1 month,
- Any defect detected after this period is considered out-of-scope and will be addressed in time & materials,
- Any significant defect analysis leading to a root cause outside of NIJI perimeter may be addressed in time & materials.

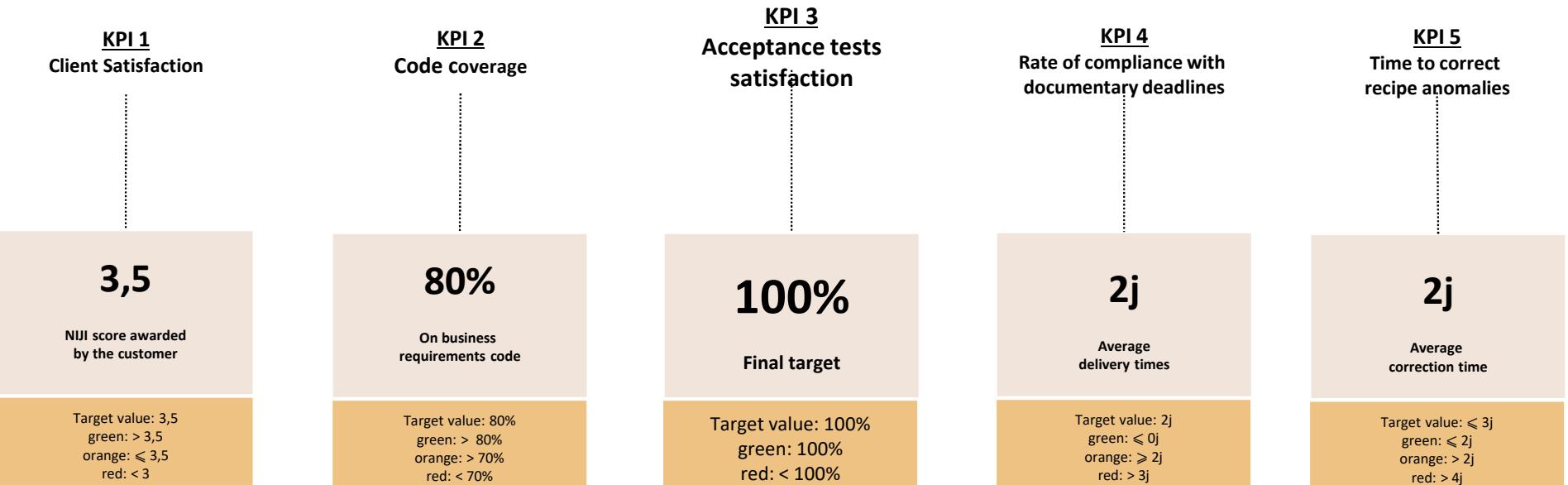
## 2.2 MVP build methodology



niji

# Delivery engagement

To improve, we should continuously analyze. To analyze, we should continuously measure.



NIJI uses burndown charts to measure progress on developments.  
The actual measure of progress remains about acceptance tests satisfaction.  
Acceptance test: tests on user journeys with mocks.

# MVP

## Organization

- **One team** to honor the engagement ;
- **A build lead** in priority to guide the team and remove impediments, then framing small requests for specific developments with Chanel ;
- **A skilled** team with experience in leading great projects ;
- **A human-sized** organization able to deliver your product ;

Roles & responsibilities		
	<b>Julien Codet</b> Delivery Manager	<b>Julien is responsible for mutual engagements of the build.</b>
	<b>Lucien Kabuku</b> Build Lead / Scrum Master	<b>Build coordination, deliverables management, business design and acceptance tests</b>
	<b>Olivier Penhoat</b> Technical Director	<b>Technical design</b>
	<b>Dev / QA team</b>	<b>Technical testing, developing &amp; deploying</b>

# Post MVP

## Organization

### A full-time Proxy Product Owner at your side

- A **single contact** for any future feature framing request ;
- A **co-localized** proxy product owner at your side ;
- An **optional** service you may enable at your will ;
- **Billed** quarterly;
- **Activable and renewable** with a notice period of 1 month ;



# Build: Sprint 0

## Context

- The sprint 0 is the initial project and technical setup. As a prerequisite to begin the development iterations, the current proposal assumes that the sprint 0 is done. NIJI shared another proposal dedicated to sprint 0 accomplishment.

## Objectives :

- Set up and validate the technical environment, organize project exchanges,
- Set up all the necessary prerequisites for the smooth running of the project development phase.

## Activities :

- **Infrastructure and Technical set-up:** setting up the development environments and software forge, the application bases, and the continuous integration chain. Niji also carries out the web services inventory necessary for the implementation of the service, and tests their correct operation before launching the developments
- **Detailed design:** Based on your expression of need or the User-Stories initiated by the CHANNEL product-owner, the Niji PPO writes the detailed design of the user-stories by defining for each one the "acceptance criteria", the business rules associated with each requirement, and the dependencies between each brick of the system.
- **Technical architecture:** technical exchange workshops to set up the target architecture with the system architect and the various stakeholders, considering Chanel IS and hosting requirements, any partner APIs, and future data flows.

## Prerequisites

- Access to APIs with test accounts or stubs;
- Default language translation provided;

## Deliverables:

- Environments DEV to UAT and pipelines ready to dev ;
- Backlog ready to dev, in Azure DevOps ;
- Project skeleton created and pushed through CI/CD to the UAT environment ;
- Dependencies mocks are developed ;
- Definitions of ready and done stories are defined ;
- Committees are defined ;
- A sample of RIDA that will be used into the project (actions plan) ;

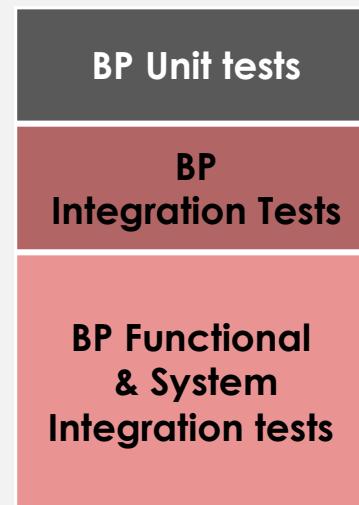
# Build: Development

## Objectives:

- Deploying the features to UAT environment, for Chanel to run the UAT.

## Activities:

- **Development:** Development of the features with technical tests, automated through the deployment pipeline. Continuous monitoring of qualimetry;
- **Niji acceptance:** Throughout the build, Niji team accepts the quality of the developed features. When a subset of features is ready to test (end of iteration), CHANNEL is invited to carry out its tests and make feedbacks. A final phase of acceptance is planned to perform non-regression tests.
- **Technical debt:** defects are detected during the development process; their fix is part of Niji backlog. Same for technical debt in general;
- **Demo:** At some key milestones, Niji plans demos to share the progress;



## Prerequisites

- Sprint 0 is done;
- Documented and operational API access throughout the development process;

## Deliverables:

- The features on UAT environment
- Updated documentation
  - SFD + DAT
- 3 iteration demos
- Scenarios + Test campaign execution reports
- Project indicators

# Build: Development

## Meetings

Governance will be streamlined for more efficiency

Meetings	Niji	Chanel mandatory / (Optional)	Due Date		Objectives
<b>Daily meeting</b>	Dev team	N/A	15 mins	Daily	Daily follow-up of MVP build activities: <ul style="list-style-type: none"> <li>To be completed</li> </ul>
<b>Project Committee</b>	Project manager	IT Chanel F&B / GIS (optional) / E-business / GDS (optional)	1h	Weekly	<ul style="list-style-type: none"> <li>Monitor project progress</li> <li>In/out requirements</li> <li>Risks follow-up</li> <li>Planning follow-up</li> </ul>
<b>Program Committee</b>	Project manager & Delivery Manager	IT Chanel F&B / GIS (optional) / E-business / GDS (optional)	1h	Monthly	<ul style="list-style-type: none"> <li>Global program progress and impediments</li> <li>KPI sharing,</li> <li>Global planning</li> </ul>
<b>Iteration demo</b>	Dev Team	IT Chanel F&B / EBU	1h	End of each iteration	<ul style="list-style-type: none"> <li>Playing with the demonstrated features of the past iterations ;</li> <li>Gathering feedbacks ;</li> </ul>

# Build: UAT [Mandatory]

## Objectives:

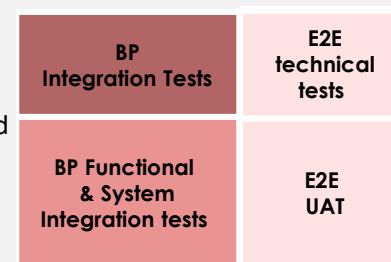
- Following Niji's development and testing, Chanel Product Owner ensures that **100% of the planned tests cases are performed at least once during the month following UAT start**;
- These tests can be unmocked. However, NIJI will consider out-of-scope any defect not related to the build perimeter (ex : an interface contract has changed) ;
- A defect is considered as a gap between the expected behavior (user stories in backlog) and the actual behavior, given that the root cause is within NIJI perimeter ;
- All defects are fixed with no limitation in time, until 100% acceptance tests are satisfied ;
- The only interlocutor for NIJI is Chanel Product Owner, centralizing all business testers defects for qualification before sharing to NIJI ;

## Prerequisites

- The 3 build iterations are delivered ;
- Chanel Product Owner presence is guaranteed all UAT phase long;
- Chanel test campaigns

## Activities:

- **VABF by CHANNEL**: CHANNEL tests all the expected use cases. Any reported defect is logged by CHANNEL into the bugtracking tool.
- **Bugfix by Niji**: NIJI qualifies the incoming issues, fixes the defect if All identified bugs within a timeframe of 1 month are being fixed and delivered by Niji with no limitation in time.
- **Acceptance kickoff meeting**



## Deliverables:

- Source code or Git repository
- Installation and release binary
- Updated documentation (SFD + DAT)
- Test campaign report
- Project indicators

# Build: UAT

## Meetings

Meetings	Niji	Chanel mandatory / (Optional)	Due Date	Objectives
<b>UAT kickoff</b>	Project manager Delivery Manager	IT Chanel F&B	1h	End of NIJI acceptance  Setup of UAT workflow and tools.
<b>UAT Committee</b>	Project Manager	IT Chanel F&B	1h	Weekly during 1 month of UAT  <ul style="list-style-type: none"><li>• Monitor UAT progress</li><li>• Deployments planning follow-up</li></ul>

# Build: UAT

## Exit criterias

A defect is a difference between specification backlog and actual behavior of the application. During the MVP development and test activities, NIJI will only consider defects and not evolutions. Chanel UAT will be considered as done when the defect rate will go under 10% (number of anomalies per number of men-days). According to the estimate of this project, 10% means 10 bugs.

The below conditions have also to be satisfied, NIJI and Chanel accordingly agree on the qualification of the defects :

Criticity level	Definition	Threshold	SLA
G0	Blocking anomaly. Refers to any defect blocking the use of one or more essential features of the application. No bypass is possible.	0	0,5 open day
G1	Major non-blocking anomaly. Refers to any defect preventing from having full compliance on essential features or essential user experience. Can be bypassed.	0	2 open days
G2	Minor non-blocking defect. Refers to any defect causing an acceptable bypass.	10	4 open days

# Build: Global acceptance bug fix

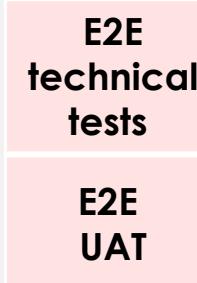
[Optional]

## Objectives:

- As an extension of UAT, this phase guarantees that all defects are fix within the limitation of time of the phase ;
- NIJI will consider out-of-scope any defect not related to the build perimeter (ex : an interface contract has changed) ;
- A defect is considered as a gap between the expected behavior (user stories in backlog) and the actual behavior, given that the root cause is within NIJI perimeter ;
- The only interlocutor for NIJI is Chanel Product Owner, centralizing all business testers defects for qualification before sharing to NIJI ;

## Activities:

- Defects analysis & qualification : NIJI diagnoses if the bug is related or not to Niji perimeter ;
- Fixing defects if the root cause is within Niji perimeter ;



## Prerequisites

- Chanel x Niji UAT phase is done;
- Chanel Product Owner presence is guaranteed all phase long;
- A global testing strategy (provided as an input of this proposal)

## Deliverables:

- NIJI core team at Chanel side to secure MBP launch ;
- NIJI fixing all proven defects encountered during the period ;

# Build: Global acceptance bug fix

## Meetings

Meetings	Niji	Chanel mandatory / (Optional)	Due Date	Objectives
Acceptance Committee	Project Manager	IT Chanel F&B	1h	Weekly <ul style="list-style-type: none"><li>• Bug fix follow up</li></ul>



## Objective

Update our proposition post discovery phase

# Agenda

**1** Context & ambition

**2** MVP: our proposal

**3** Budget proposal

**4** Niji & our references

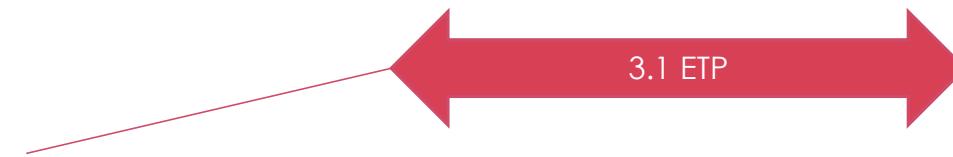
**5** Appendices

# MVP budget

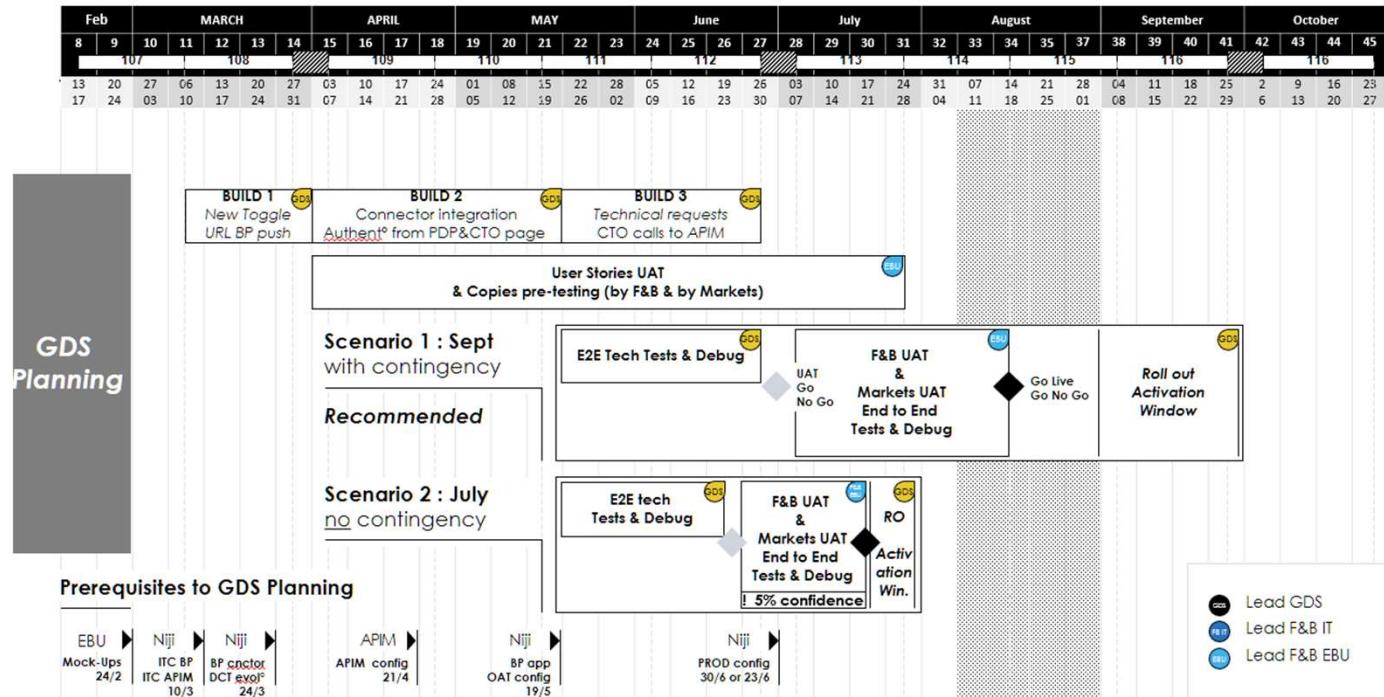
MVP build budget proposal : ~~235 238 €~~ **197 600 € VAT** (06/03 -> 07/07) (discount -16%)

MVP post-build budget proposal : **TBD** based on duration and start date

This fixed-price proposal is our engagement to build, deploy, test the Beauty Plan project first release within Chanel IT. End to end tests bug fix included.



Compared to the last proposal, the dev team presence is lowered to ensure the only needs of the UAT, from 12/06 to 07/07. The team will work only on bugfixes.



# MVP budget : evolution

**Compared to the initial estimate the following requirements were expressed :**

- New project back for front ;
- 4 new user stories : TS1, US14, US15, US16 ;
- The build lead and dev team may be required to frame in/out requirements ;
- Acceptance and bugfix on 21 OS and browsers ;
- UAT is opened to E2E tests : more technical qualification from the team ;
- Internationalization : +9 languages (not provided) ;
- Internationalization : dedicated stylesheets per country ;
- SEO specific requirements ;
- Accessibility specific requirements ;
- Gigya ID securization (+impact on mock) ;
- S3 bucket tree and hash processing (+impact on mock) ;
- Banners and timers design (not provided) ;
- Environment map may change ;
- More interactions DCT – BFF ;

## Post-MVP budget [Optional]

**54 000 VAT** (3 months, full-time)

**Billed quarterly ;**  
**Activable and renewable** with a notice period of 1 month

# Billing schedule

## MVP build

---

Amount	Date	Label	Ratio	Cost
197 600,00 €	13/03/2023	Order	30,00%	59 280,00 €
	31/03/2023	1st demo	17,50%	34 580,00 €
	02/05/2023	2nd demo	17,50%	34 580,00 €
	09/06/2023	3rd demo	17,50%	34 580,00 €
	07/07/2023	End of UAT	17,50%	34 580,00 €
<b>Total</b>			100,00%	197 600,00 €

## MVP post build

---

TBD

## Post MVP [Optional]

---

Amount	Date	Label	Ratio	Cost
54 000,00 €	01/09/2023	Order	100,00%	54 000,00 €
<b>Total</b>			100,00%	54 000,00 €



# Objective

Update our proposition post discovery phase

# Agenda

**1** Context & ambition

**2** MVP: our proposal

**3** Budget proposal

**4** Niji & our references

**5** Appendices

# Why choosing Niji?

1

## Personalized delivery and scale methodology

- 1.200 collaborators
- 3 business lines:  
Consulting, Agency and IT
- End-to-end expertise from strategy to technological implementation to support large-scale projects

2

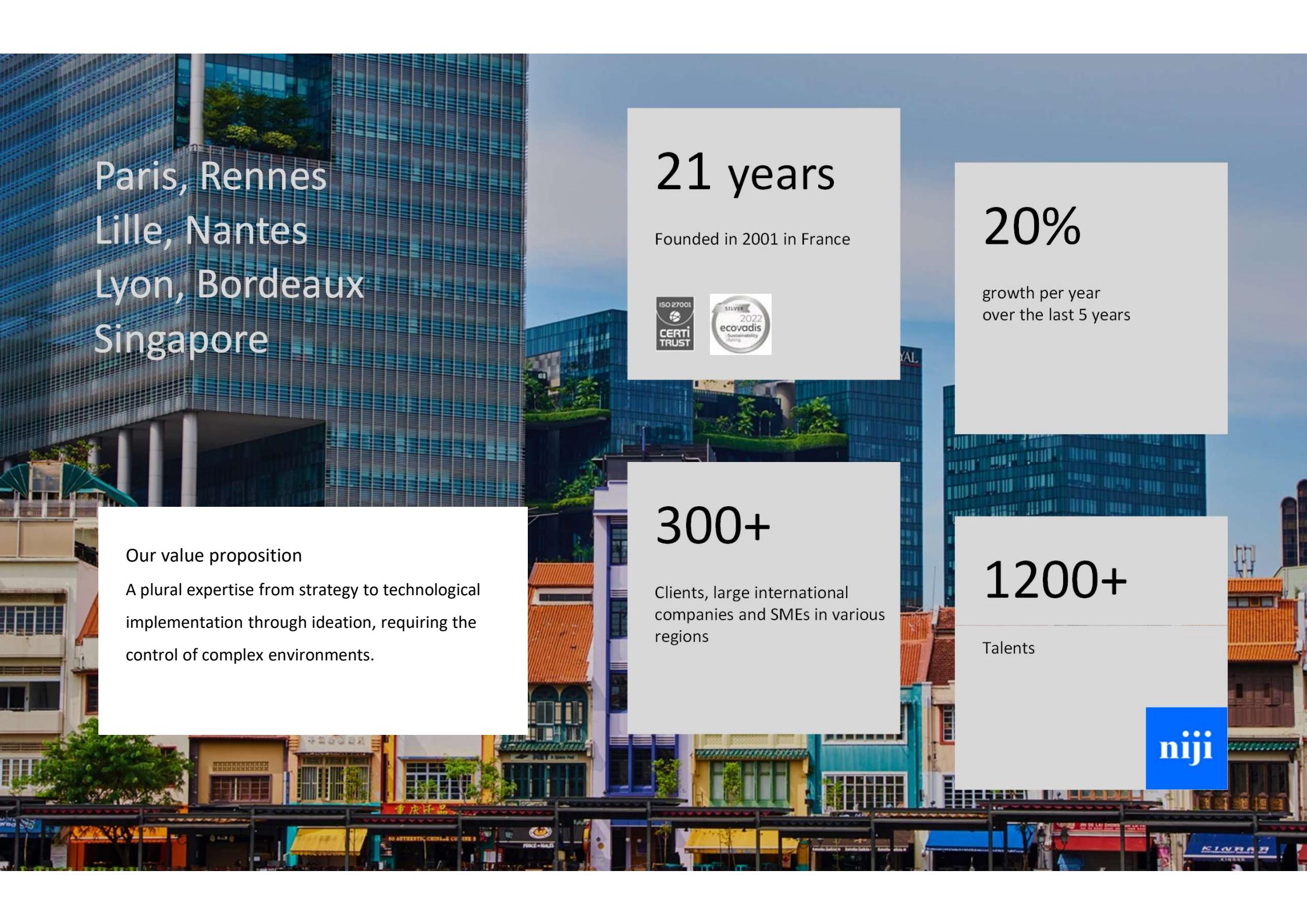
## Expertise of our Software Factory

- 640 experts in the Software Factory
- Expertise in the world of software for more than 20 years
- An intermediate size company capable to take on large-scale projects and to adapt quickly to the needs of clients

3

## Niji & CHANEL, a proven & successful partnership

- Niji has been a key partner of Chanel since 2017
- From the design phase to the deployment of new services, Niji's talents worked alongside Chanel's teams.
- **Two Niji senior consultants** are currently working to process and manage roll-out activities of **3 connected services:** Beauty Recordings, Chanel Vitality Scanner and AirParfum



Paris, Rennes  
Lille, Nantes  
Lyon, Bordeaux  
Singapore

#### Our value proposition

A plural expertise from strategy to technological implementation through ideation, requiring the control of complex environments.

**21 years**

Founded in 2001 in France



**300+**

Clients, large international companies and SMEs in various regions

**20%**

growth per year over the last 5 years

**1200+**

Talents

**niji**



We are  
1200+  
talents

## Consulting

125 consultants

## Design

140 talents

## Technology

640 developers & experts

## Salesforce

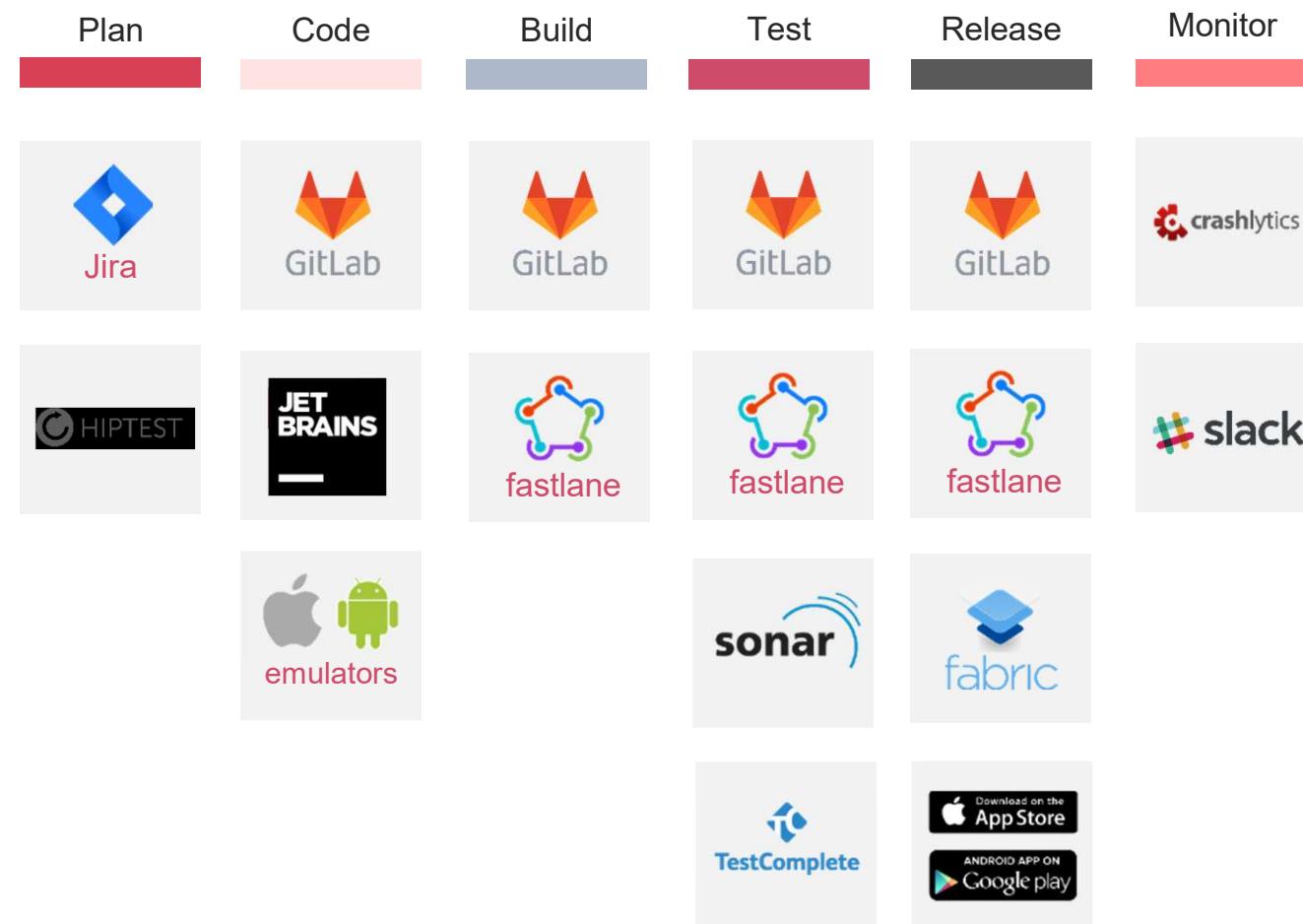
120 talents & 300 certifications

## Cyber Security

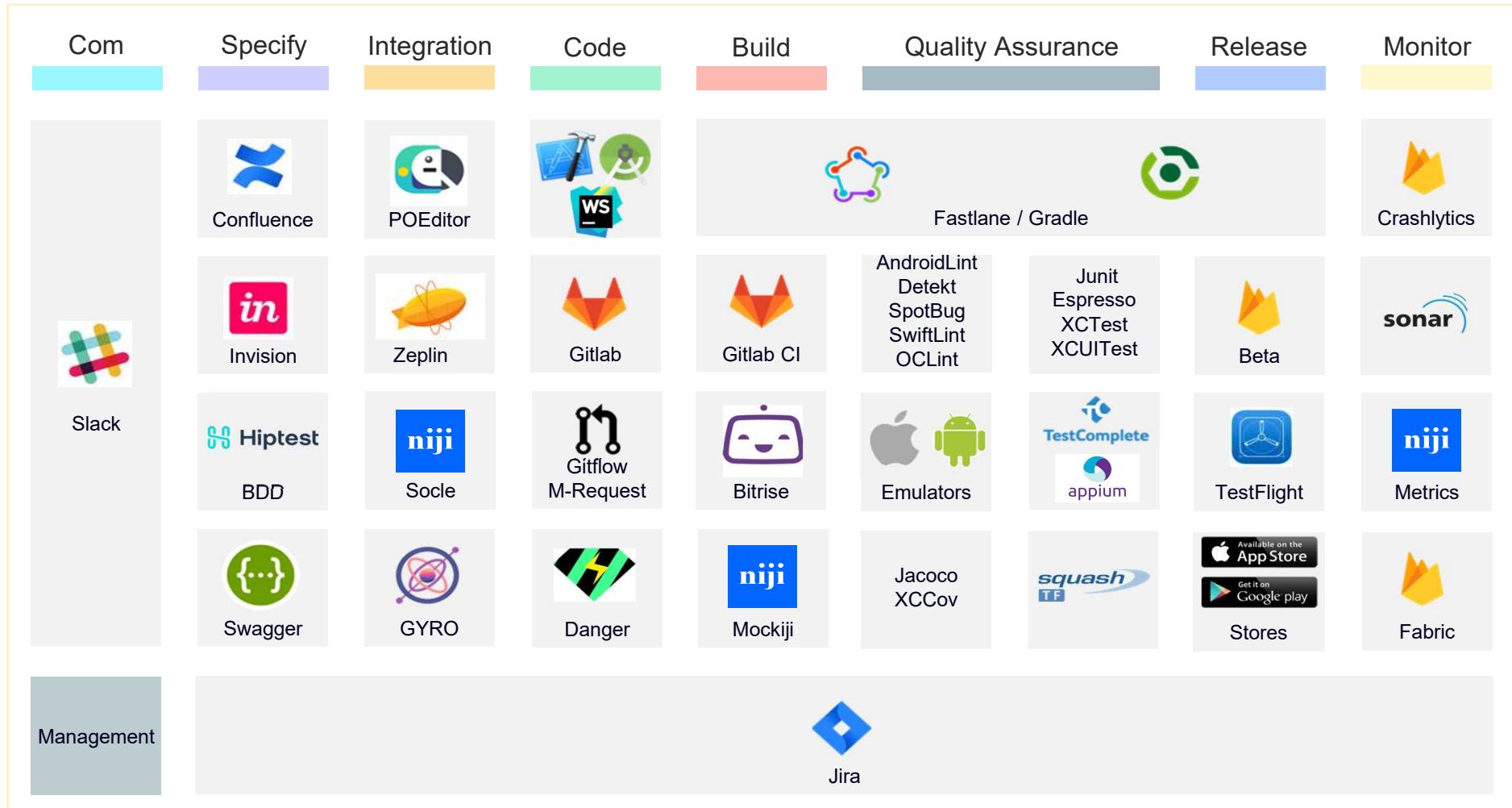
35 experts

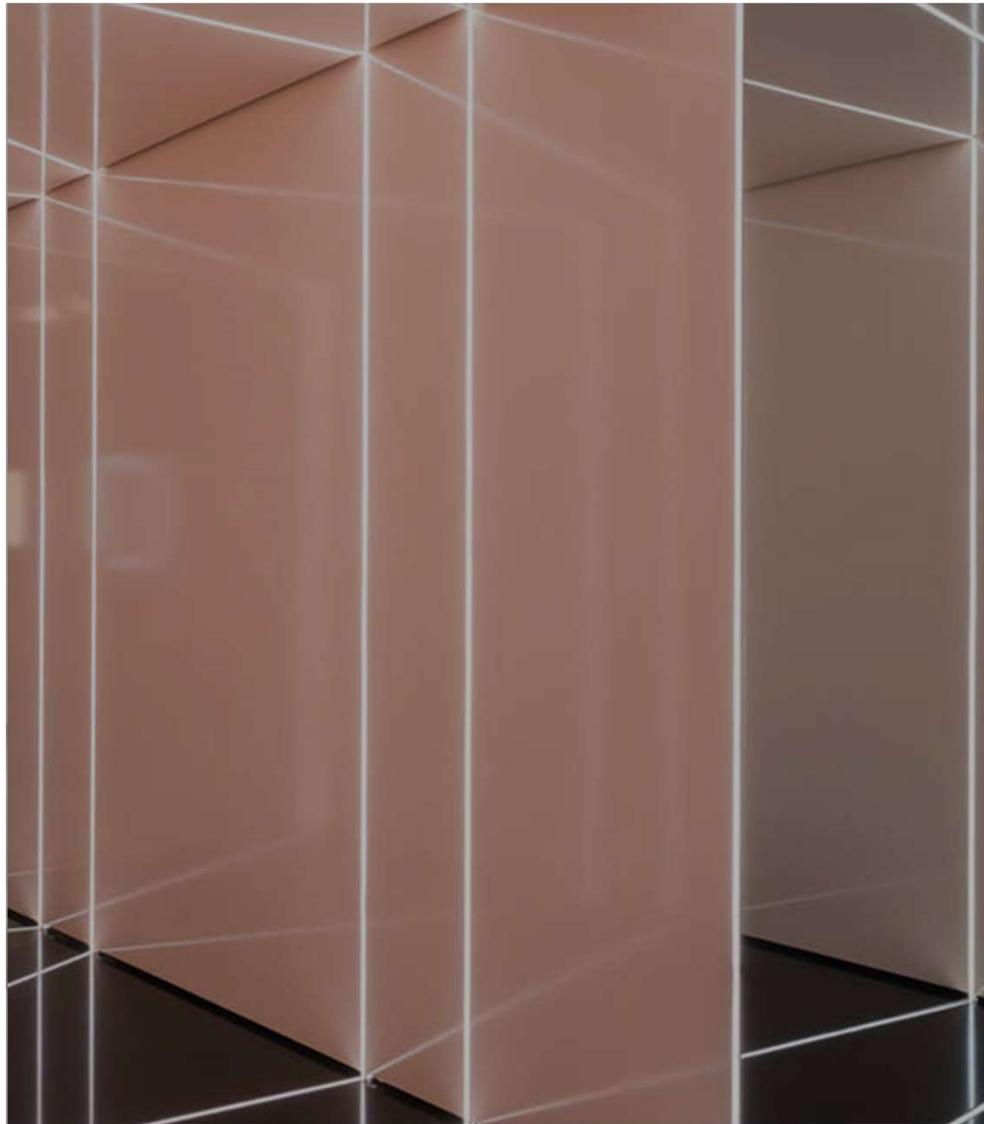


# Forge Niji - Mobile



# Forge Niji - Mobile





## A relationship of trust based on projects completed together

Niji has been a partner of Chanel for several years.

We have been involved in different digital projects:

- ✓ Personalization of the customer relationship on different touchpoints.
- ✓ Digital in-store, support from the design to the delivery of a beauty session recording experience.
- ✓ Travel retail, framing and prototyping of experiences, in particular concerning automatic translation from one language to another.

Today we are working on three connected services (BR, CVS, AP) that will be connected to the Beauty Plan.



# Niji has a proven track record of mastering digital services

We draw on our experience in supporting our customers in a variety of industries, from analyzing their delivery model to implementing their end-to-end transformation journey

CONFIDENTIAL

Niji has built a center of expertise close to a luxury group's digital teams to develop e-commerce and an omnichannel customer experience

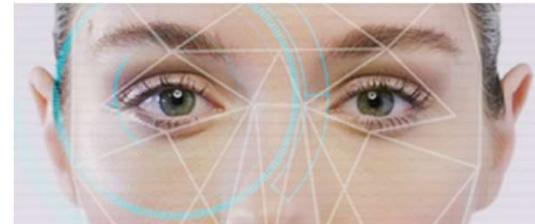
One motto: "You Build it, You Deploy it, You Run it. Evolutions. SI Strategy.



CONFIDENTIAL

Niji is assisting a major luxury and cosmetics group in the creation of new services to increase consumer engagement through digital services (+ 12 services) & data, in a O+O world.

Business sprint, Digital Factory, data model, Web App, International Scale & Roll-out management.



Oeneo, an international player in the wine industry, aims to transform its sales department by offering an information sharing tool. In this context, Oeneo entrusted Niji with the creation of a native application, based on a Salesforce.

Build, Deploy, RUN & TMA, Change management & adoption



# Takeover of the e-Commerce platform and UX redesign

TMA. Reversibility. UX redesign. Algolia.

## The challenge

Relais & Châteaux was looking for a new trusted digital partner to support and advise them on a daily basis.

They called Niji with the objectives of taking over the TMA of their platform (maintenance + evolutions), and to carry out the UX redesign of the key e-Commerce paths, with responsibility for future SEO/SEA projects, and CRM by 2022 with a focus on American customer acquisition.

## The response

Niji's support was defined as follows:

Reversibility phase with Accenture

Design phase with the following objectives

UX workshops for the UX redesign of key e-Commerce paths

Rejuvenation of the target audience

Implementation of a dedicated Agile team to manage the maintenance and evolution of the e-Commerce platform



# Digital Factory internationale E-shop B2C et B2B

Framing. E-commerce website factories. Design.  
Delivery. IS. Deployment and support + 30 countries.

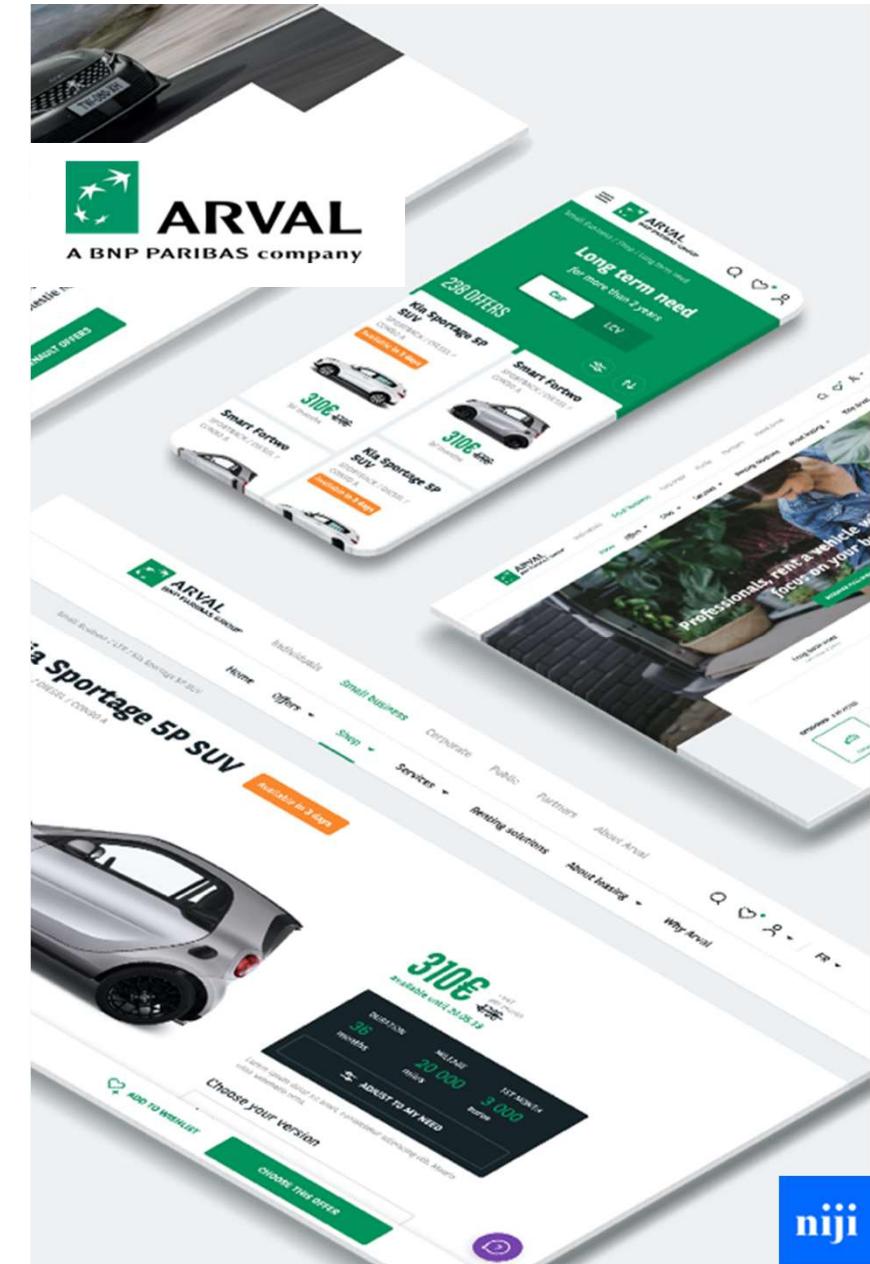
## The challenge

Recast Arval's entire digital business ecosystem in a single site.

## The answer

Implementation of a factory-to-site platform, for an international deployment of country sites (institutional sites and online ordering / subscription site for business networks - B2B). From the strategic framing to the development of a Drupal site factory, through the design conceived to standardize the experience between the different commercial targets and the country specificities, for an international project:

- UX / Platform template design (modular approach)
- Development of the platform from factory to site
- Integration in the Arval IS of all the processes of the online subscription
- Management of the different user paths and profiles of B2B customers, management of the subscription workflow and validation of orders, etc.
- Deployment and support of the countries



# Digital Factory Agile for the PSA car configurator

Configurator. Development Agile. Safe.

## The challenge

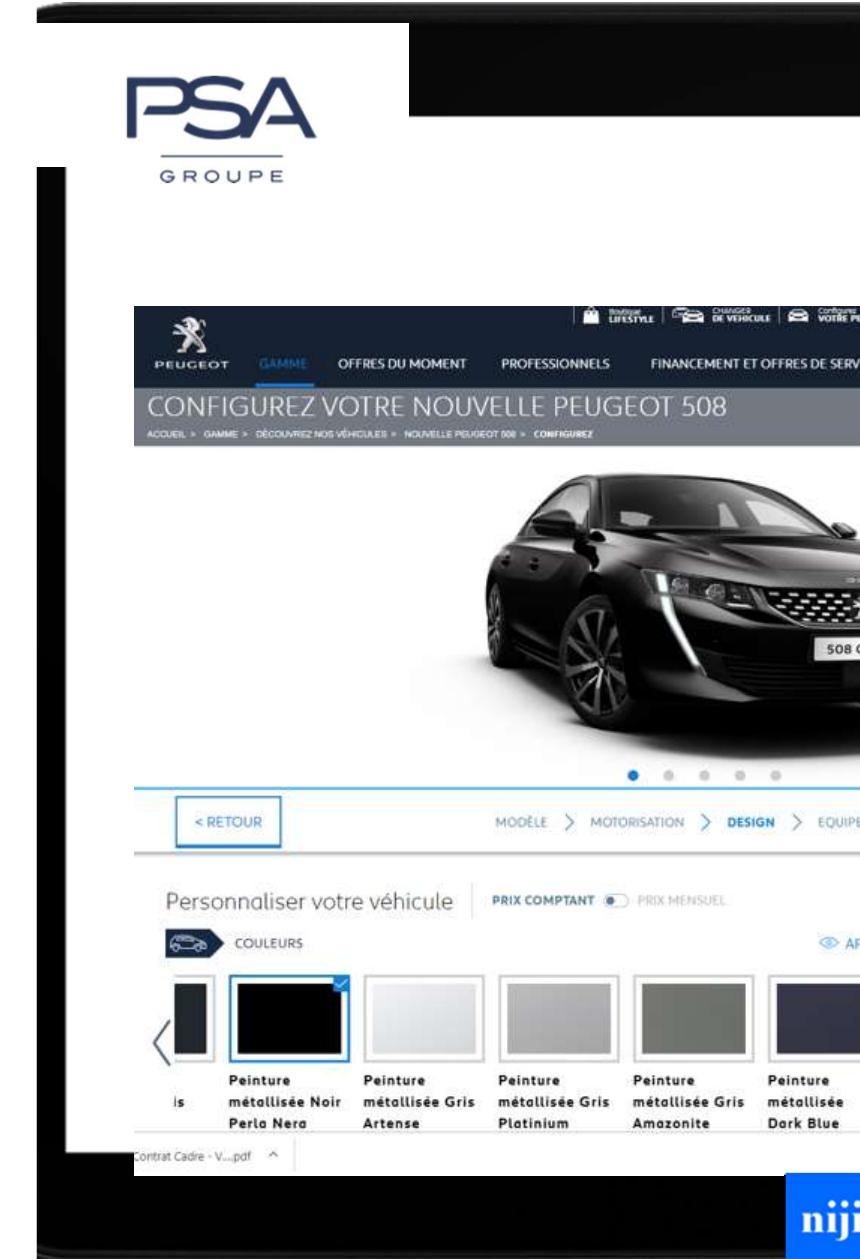
The Configurator V3 is the Web tool that provides the Group's customers with a "Make to Order" offer. Customers are then directed to a physical point of sale or an online purchase.

Developed internally, the PSA Group now wishes to rely on a partner to take over the development of the Configurator and thus meet its 2019 challenges and objectives for this tool.

## The Answer

- ✓ An 8-week reversibility phase to capitalize on the existing team and build on current successes.
- ✓ A Factory as a Service to constitute PSA's agile and multi-expertise development factory.
- ✓ An organization centered around a Core Team and Feature Teams working in SAFe mode
- ✓ Development in Symfony and React JS

A laboratory project for the Safe method within the Digital Factory, its experience acquired over time benefits all of PSA's digital projects and allows the group to be innovative in this area



# Size and functioning of the team

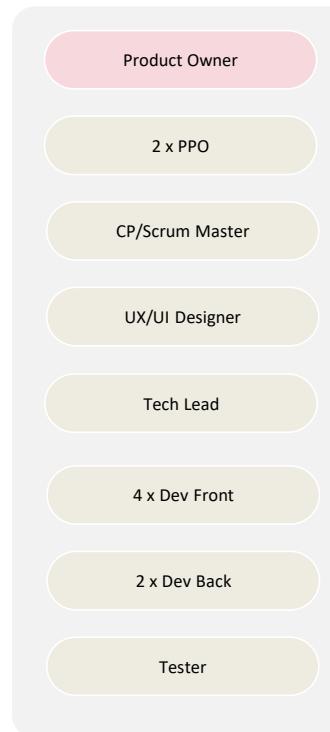
The features teams are co-located: PSA site  
in Poissy and Niji sites

2 features teams 100% Niji  
up to 23 people (2020)

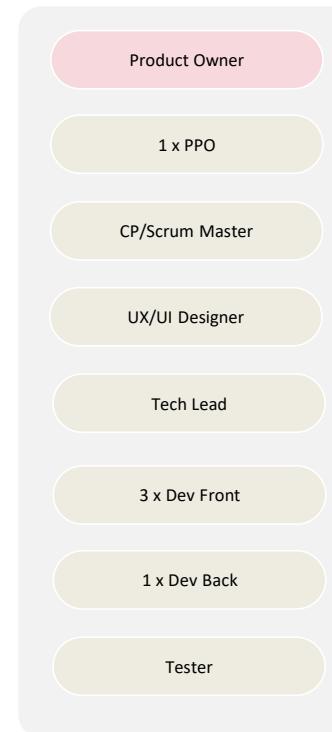
Agile & SAFe

2 transversal profiles:  
Delivery Manager  
DevOps

Feature Team #1



Feature Team #2



Design Authority



Legend:

 Customer resources

 Niji resources

# Digital Factory of Banking Applications

Features teams. Agilisation SI. Coaching Agile.

Digital Factory. Angular/React

CAL&F has launched an ambitious digitalization program that includes the redesign of essential web portals and tools for its customers and partners.

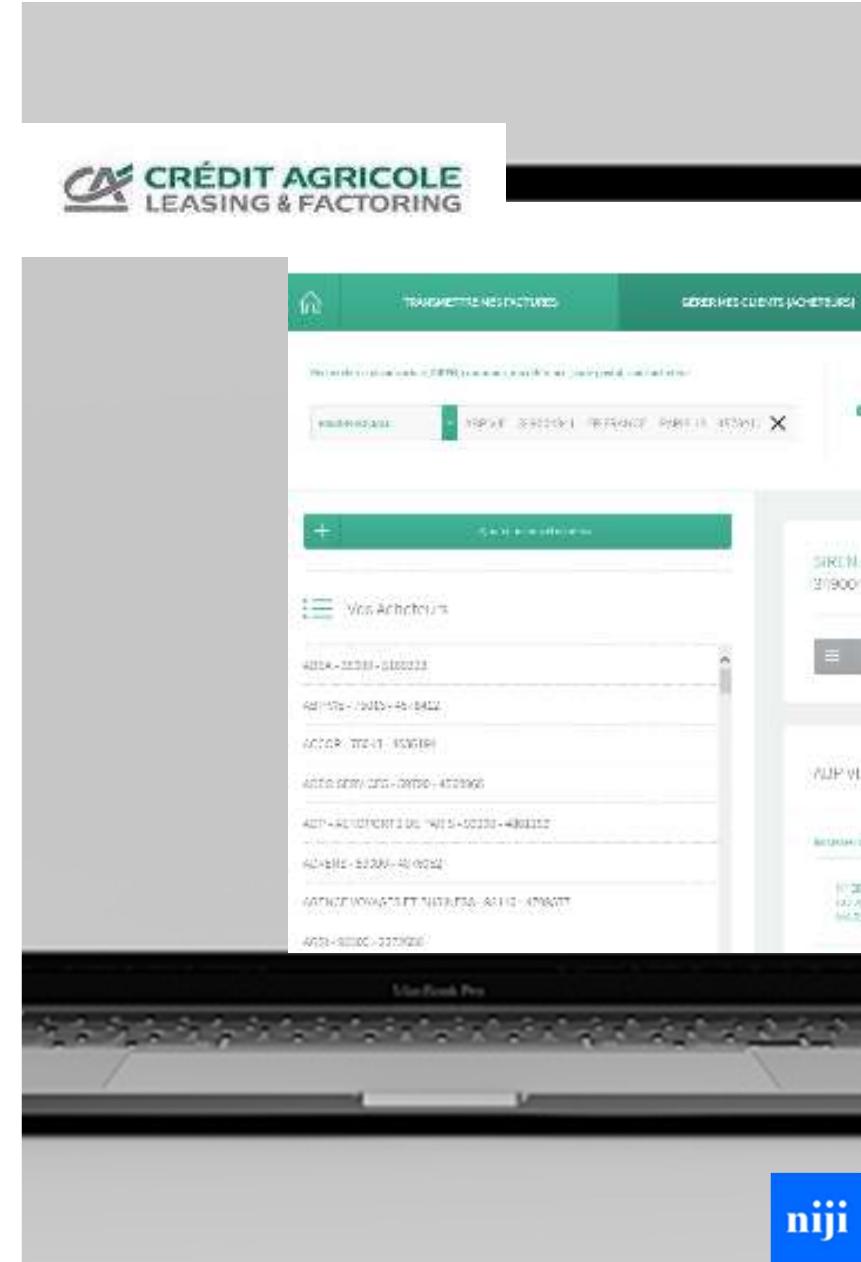
Main objectives: reduce technical debt, improve usability and reduce the TTR and TTM (evolutions)

CAL&F entrusted Niji with the development of several of these strategic applications.

Niji's build team, which has grown to 15 FTEs, is organized in feature teams and works in agile mode (Scrum).

Niji has also participated in this project to:

- The UX/UI design of new applications
- The disclosure of the agile and best practices of development
- The implementation of a CI/CD software forge



niji

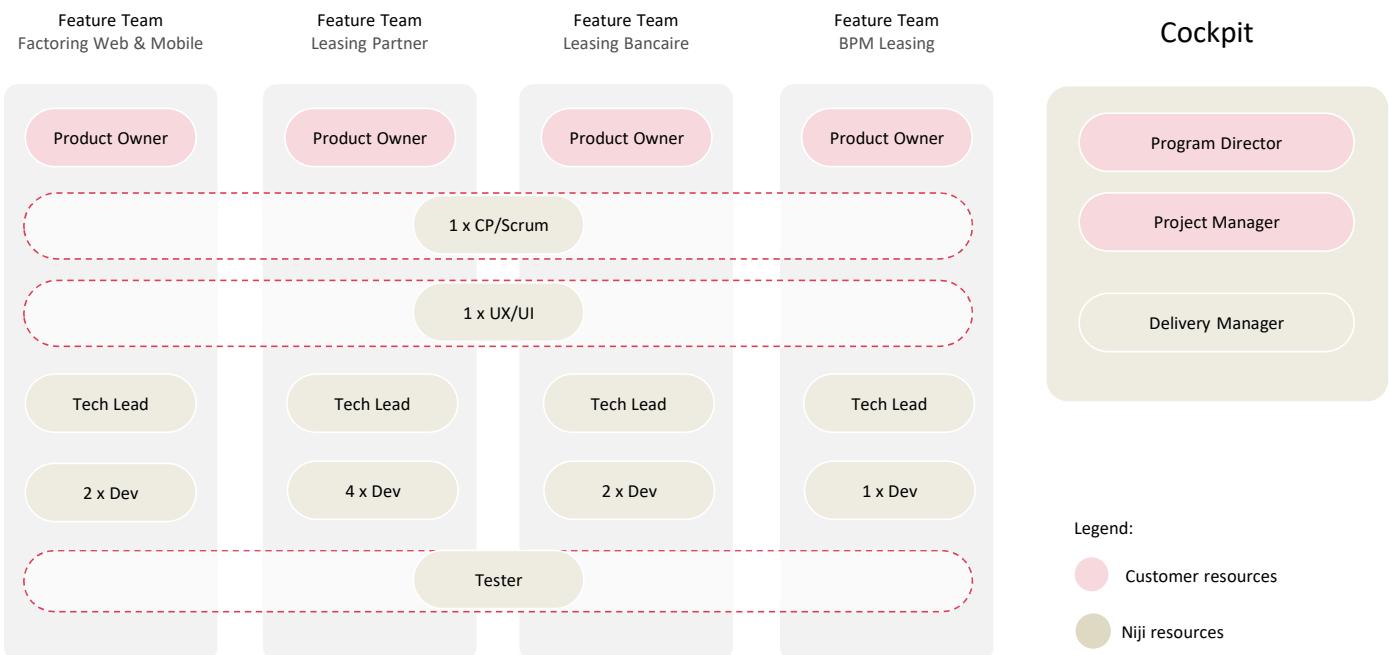
# Size and functioning of the team

The features teams are located  
on the customer site

4 features teams 100% Niji  
up to 19 people

Agile & SAFe

1 transverse profile: Delivery  
Manager



# Digital Factory

Factory web/mobile. Transformation. Cadrage digital factory.

## The challenge

Sodexo created their digital factory more than a year ago and it has not been delivering well. They now have a very strong challenge to improve the performance of their factory: delivery, TTM, etc.

- Phase 1: Due Diligence (Audit and roadmap) - May "stop & go"
- Phase 2: June - August "stop & go" reversibility
- Phase 3: September to December: "Business as Usual"

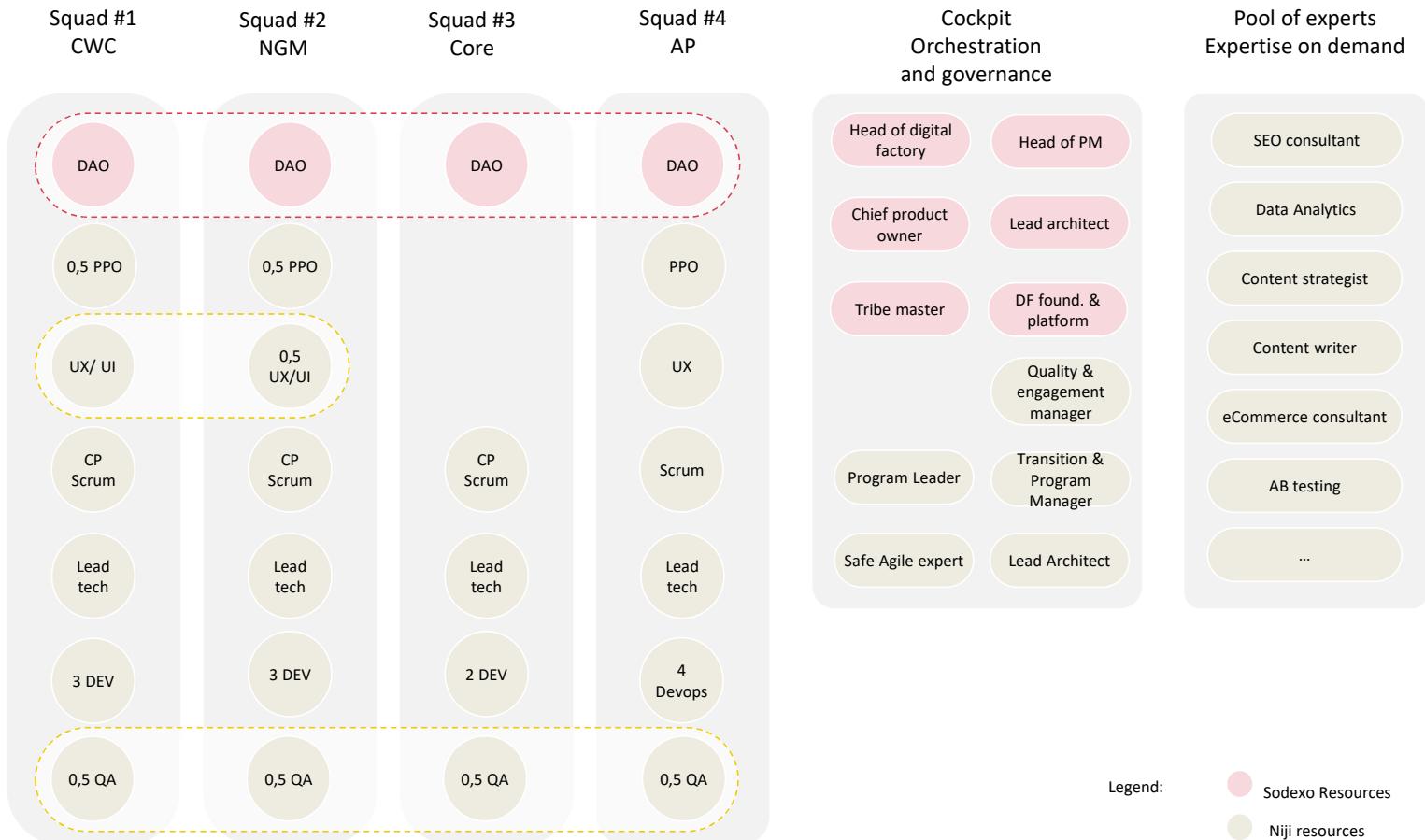
## The Answer

- Delivering all digital projects in the 35 countries where Sodexo BRS operates
- Accelerated Time to Market of products and services
- Realigned business with IT
- Implemented governance design
- Addressing multi-country
- Niji took over 5 teams, plus the governance team



# Size and functioning of the team

4 squads  
and a  
cockpit to  
secure the  
quality of  
delivery



# Telecom services platform

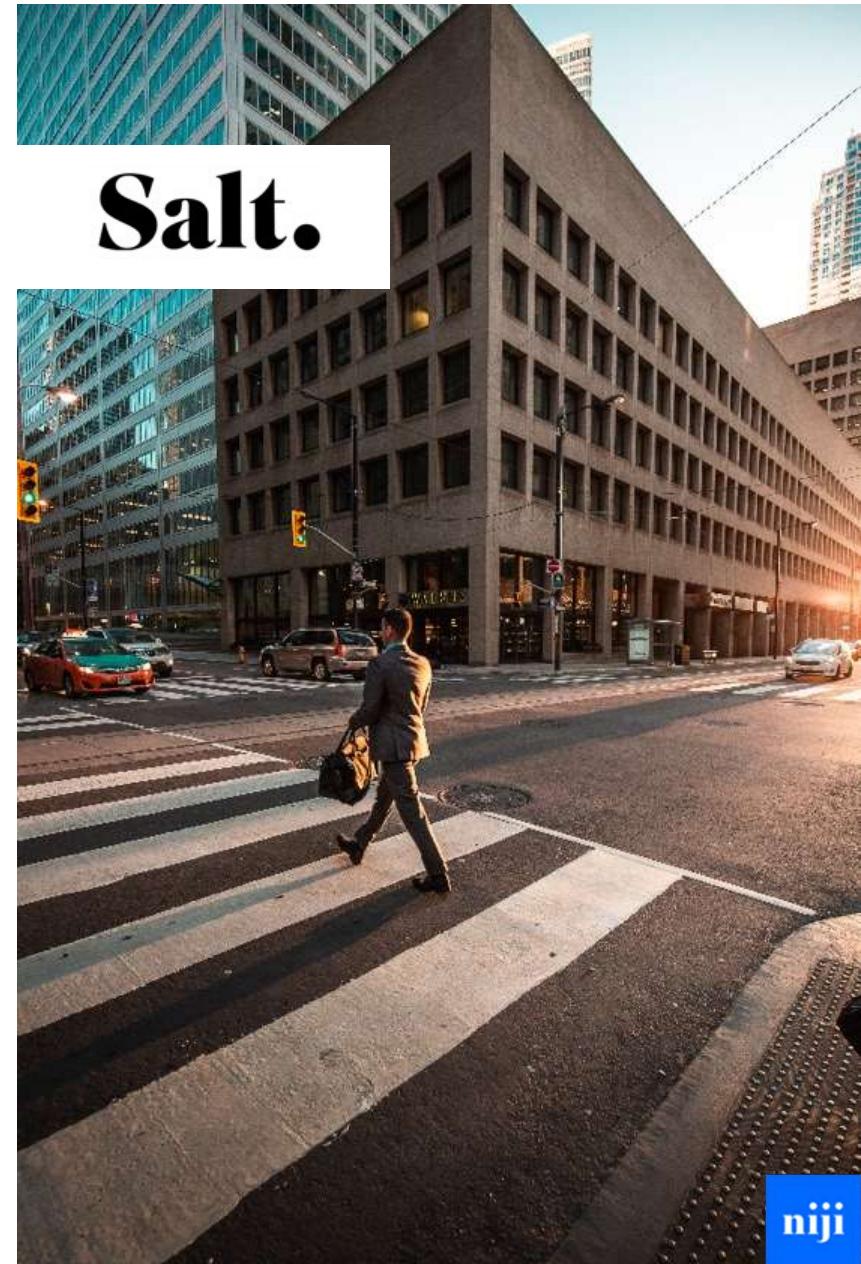
## Framing. Architecture. Development. Design

### The challenge

Formerly Orange Switzerland, the operator Salt has joined forces with Niji to launch new services for their business customers, with the aim of giving customers a high degree of autonomy in managing their services via the digital channel,

### The Answer

- Framing of the key elements of the B2B service offering
- Writing of the functional processes
- Functional and technical architecture of the solution
- Web integration
- Mapping of the functional exchanges between the B2B platform and the different IS bricks:  
Interfacing with CRM SALT + APIsation of the invoices and payment module
- Writing of User Stories
- Management of the project plan until the service goes online
- Development of an acquisition portal and a selfcare for mobile and fixed telephony
- Autonomy of the customers in the management of their fleets
- Interaction between BtoB portal and CRM
- Standardization of technologies and APIs for services
- Scalable solution



# Web service center for the EDF e-quilibre customer portal

## Agile Service Center.

### The challenge

E.quilibre is EDF's fully digital solution, accessible from the dashboard of the EDF customer area to all EDF customers.

It allows customers to understand, monitor and control their consumption and their electricity budget, thanks to a personalized follow-up. In this context, EDF would like to be supported in the creation and maintenance of this portal.

### The Answer

- Implementation of a dedicated Agile project platform
- Analysis and architecture of the solution
- Development of the portal
- Evolutionary, corrective and preventive maintenance of the system
- Automated deployment chain

The screenshot shows the EDF e-quilibre customer portal. At the top, there is the EDF logo and navigation links for 'Menu PARTICULIER', 'Aide', and 'Contacts'. Below the header, a banner reads 'e.quilibre Je deviens acteur de ma consommation'. The main content area is titled 'EN BREF' and contains two bar charts under 'Ma consommation d'électricité'. The first chart shows monthly consumption: AVRIL (103 €\*), MAI (86 €\*), JUIN (73 €\*), JUILLET (72 €\*), and AOÛT (46 €\*). The second chart shows consumption by category: MARS (107 €\*) and AVRIL (67 €\*). Below the charts, a section titled 'En ce moment chez moi' displays a stylized house outline with categories: DESCRIPTIF, LOCALISATION, CHAMBRES, RESTAURANTS / BARS, and RECEPTIONS & RÉUNIONS. The bottom right corner features the Niji logo.

# Deployment of e-commerce platform

## E-Commerce.

### The challenge

The French childcare brand Béaba has made its BtoC E-Commerce acceleration one of its strategic priorities and hopes to reach €10M in sales within the next 3 years.

Niji was chosen to deploy the SFCC (Salesforce Commerce Cloud) solution and thus leverage its know-how to meet multiple challenges.

### The Answer

- ✓ Capitalization on an existing Salesforce ecosystem which holds product and customer information, and which should be easy to interface with
- ✓ A global intervention of Niji on the entire value chain (UX/UI, technical-functional design and technical implementation)
- ✓ A progressive roll out by country
- ✓ A full agile methodology allowing the prioritization of needs and the progressive adoption of the new platform by users
- ✓ A scalable and reliable platform to meet international growth objectives (multi-language, multi-currency, multi-warehouse, etc.)
- ✓ An optimized user experience and pathways for greater efficiency
- ✓ A platform where offline and online become one



# Objective

Update our proposition post discovery phase



# Agenda

- 1** Context & ambition
- 2** MVP: our proposal
- 3** Budget proposal
- 4** Niji & our references
- 5** Appendices

# MVP Build - Prospective project team and resumes





Passionate about digital transformation, innovation, agility of business processes, his past confirmed his willingness to drive great projects to success, comited to results and continuous improvement.

# Delivery manager

## Julien, 15 years of experience

Agility, CI/CD culture, Design thinking, project management, project framing and costing, customer relationship

### Recent experiences

**RICHEMONT:** Project Director for The Eye revamp project: Marketing Intelligence Intranet, since 2020

**ADIKTEEV:** Delivery leader of 6 members NIJI team for an innovation Lab. Delivering an API management project.

**ANTARGAZ/UGI:** delivery manager of [www.ugi-international.com](http://www.ugi-international.com) revamp project, and B2C e-commerce revamp projet (Gazissimo).

**EDF LEM VPP, Technical Product Manager, 2020–2021:** Product manager and agile coach on Virtual Power Plant project in global context. I translate business requirements into technical stories, I prioritize and track the progress of developments.

**OENEO:** Project Director for HIC project « Hub d'Intelligence Commerciale » since 2020

**LECTRA Innovation Lab:** Innovation Projects Manager , 2019-2020

**Framing, managing, leading a team of 7 innovation makers and 3 creative technologists,**

- > Contributing to deployment of LECTRA Innovation Lan: technical watch and prospection, animating a startup community, reporting to COMEX for AI, AR/VR, 3D and mart textiles projects progress,
- > Managing and contributing to an AI POC for automatic defect detection on leather hides with LECTRA VERSALIS,
- > Manager of DIGTEX project (digitalization of textile design).

**LA BANQUE POSTALE digital factory, Project director, 2018-2019**

Managing the DEVOPS transformation prototype on a small set of features, from organization to testing to code modularity to governance. Leading a team of 7 technical and methodological experts, coaching, framing, animating workshops with development teams.

**RTE, NTIC service center, Project Manager, 2012-2019**

Managing fixed-price projects (up to 3 000md), some of them with great agility (depending on the context).

- > Practice Leader of Agile/DevOps community, coaching projects on mautiry progress.

### Education

IUP Avignon, Master 2, « Génie Mathématiques et Informatique »

Traitement Automatique de l'Information Multimédia



« Day by day within the development team, Lucien is watching, measuring, continuously auditing and widely communicating. He then rises impediments, and makes them its own. He then steps back, identifies actions and keeps track of them. »



# Senior Project Manager

Lucien, 13 years of experience

Lucien sharpened his Agile skills with various experiences on great projects. Depending on the context, Lucien acted as a project manager, a product owner, a business analyst or a Scrum Master, giving him a global overview of constraints and needs for a successful Agility.

## Projects & Missions

**Niji Bordeaux – Product Manager and Scrum Master@OENEO – Marketing Intelligence Hub development, 2020-2021**

- Project Management (~2 000 man-days)
- Scaling Agility as a scrum master :
  - Android project team (5 members)
  - iOS project team (5 members)
  - Web project team (5 members)
- Environment : Rx/Swift – Kotlin – Angular 10

**Niji Bordeaux – Scrum Master@HENNER – Billing API, 2019-2020**

- Project Management (~2 000 man-days)
- Environment : .Net Core

**Niji Bordeaux – Scrum Master and lead developer@TRANSDEV – Automatic car booking, 2018-2019**

- Scrum Master, full stack lead dev, quality analyst
- Environment : .Net Core, iOS, Android

**Niji Bordeaux – Scrum Master and lead developer@PSA Group – Vehicule configurator, 2017-2018**

- Scrum Master, full stack dev.
- Environment : Symfony 3 (PHP), React.JS

## Education

- Business Intelligence Information Systems Designer Master (2009, Paris)

## Expertise

- Agility, project management & reporting
- API management
- Customer relationship
- Testing culture



# CTO

## Olivier, 20+ years of experience

- Javascript, Typescript
- React, Angular, Vue, Node
- API design & management, GraphQL
- Agile development
- Craftsmanship, TDD,
- Mob programming
- Redis, Mongodb, Docker

### Recent experiences

#### **Adikteev Innovation Lab - CTO / Architect – 2022**

API aggregator for advertising campaign management project. Technical design of the whole architecture and setup of the underlying infrastructure.

Technical environment: API REST, GCP cloud, NodeJS, TypeScript, Fastify, TypeORM, Jest, Docker.

#### **Sinch - CTO / Architect – 2022**

Creation of a SalesForce platform connector

- Fullstack development / strategy testing
- CI/CD Pipeline GitLab, devops, containerization
- Mentoring teams

Technical environment: ReactJS, NodeJS, Redis, AWS

#### **Okapi Groupe La Poste - CTO / Founder – 2021**

API management platform, Digital Branch of Groupe La Poste

- Roadmap and business model definition, BU management
- Backend development

Technical environment: NodeJS, ReactJS, Redis, Docker

Experienced in team management and digital platform development, able to train in agile and craftsman methods, always in touch with the reality of web technologies, equipped to elaborate and carry a real product vision.

Olivier created the first French banking transactional website, as well as the first banking mobile application; and developed the API management platform for the Groupe La Poste.

#### **Architect – Octo Technology**

- Consultant, lead architect, validation of technical choices
- Realization of prototypes, internal projects (URL shortener Octo)

#### **Consultant Trainer – Valtech**

- Training on about twenty courses (J2EE, Angular, Web, software factory, quality, security)
- R&D: Java Quality, Android, Angular, Mobile Web, Hacking Web, NodeJS, Extrême Java
- Technical coaching / seminars: Android, Multi-platform development, NodeJS

#### **Le Crédit Lyonnais - Software Factory Division Director**

##### Education:

EPITA Paris - Informatique Industrielle et Intelligence Artificielle  
 BTS Lycée Polytechnique Jules Ferry de Versailles – Informatique Industrielle  
 Bac F2 – Mention bien



# Salesforce Architect

Sofiance, 10 years experience

Salesforce (Commerce Cloud SFRA and SiteGenesis) / DevOps/Integration ( WS, SSO OIDC SAML) / Hybris / Mirakl / Gigya / Target2Sell, TextMaster, React / Javascript / Java (J2EE, Spring)

## Main experiences

Tech Lead Salesforce Commerce Cloud. Niji (since June 2022)

Tech Lead Salesforce commerce cloud , Clever Age (2015-2022)

- **E-commerce takeover and redesign - Salesforce Commerce Cloud SFRA, 2019-2022** (CMP, Caroll, Fleurance Nature, ...)
  - Redesign of pages, Creation of pages, Integration, Implementation of Talend flows, Migration of existing tools, Implementation of Italian and Swiss sites, Implementation of continuous integration tools (Bitbucket Pipeline), Implementation of Build Suite, Upgrading of cartridges (Target2Sell, Textmaster), Integration of third-party services
- **Implementation of a marketplace in an international environment - Hybris (SAP Commerce Cloud)/Mirakl 2018-2022**
  - Installation of Mirakl extensions, Configuration, Creation of a Hybris extension to support multiple marketplaces on a single Hybris instance, Upgrading of extensions, Adaptation of the marketplace, Support
- **Creating a unified login portal - Gigya/AWS/Python/OIDC/SAML, 2017-2019**
  - User provisioning in Gigya, Open ID Connect to third party services, SAML 2.0 connection to third party services, Screen set creation, Validation rule implementation (via AWS Lambda), Customer journey creation, Data schema creation
- **Creation of a unified login portal - Gigya/C#/Azure/SAML, 2019**
- **Creation of a customer portal - Gigya/SpringBoot, 2018**

## Education

Master 2 Computer Science with a specialization in Programming and Securing Software– University Paris 13

# Our development commitments



# Certified quality with our Testing center

Composed of 60 test experts with solid experience

Equipe de + de 60 personnes dédiées à la garantie de la qualité et de la sécurité des dispositifs digitaux. Tous nos consultants sont certifiés par les organisations de tests dédiés (ISTQB, CMAP, IREB).

    
Des méthodologies validées suivies sur de nombreux projets pour des clients sur de multiples et divers projets (performance, automatisation, multidevice, greenspector).

Une solide expérience sur les sujets en agilité. Nous accompagnons nos clients depuis la définition de la stratégie jusqu'à l'industrialisation et l'automatisation des tests.



Un parc de terminaux tablettes et mobiles indispensable pour garantir la qualité des sites Web Responsive, ou des applications mobiles, sur un large parc souvent très hétérogène en terme d'affichage ou de performances.

# A proven testing strategy with broad coverage

For each project, we establish a **testing strategy** that includes unit tests, automated non-regression tests of the code, exploratory tests during sprints and an overall acceptance phase.

What are we testing ?	How ?	When ?
Unit Tests	 <i>automated (developers)</i>	At each commit
Code review / qualimetry and vulnerability	 <i>automated (architect / devops)</i>	Every night
Exploratory test including security	 <i>manual testing (certified testers)</i>	During the sprint
Full test campaign	 <i>manual testing (certified testers)</i>	During the Recipe
Automated non-regression testing	 <i>automated systems (tester automatien)</i>	TMA

# We ensure the security of the device



Niji is certified NF ISO / CEI 27001: 2013 on a large perimeter covering our activities of Software Design & Development, Network Infrastructure Solution Engineering and Service Platform Engineering.

## Compliance with safety security standards of CHANEL

## Vulnerability testing

Automatic execution of vulnerability tests throughout the project

## Owasp Top 10 & ANSSI standards

Integration of best practices and protection measures against the top 10 risks

## Encryption

Encryption of sensitive data and "obfuscation" of the application code of the application if necessary

## Continuous static and dynamic code auditing included in our development chain

## The involvement of our cyber security experts

Niji has a dedicated CyberSecurity Business Unit that will check the project

## Support for client audits

Correction of any residual flaws detected by the client via independent tests

## Safety Assurance Plan

Identification of service-related risks and definition of a safety assurance plan

Niji has a dedicated **CyberSecurity Business Unit** that can be requested by our architects. This unit has specific certifications and qualifications, and is able to produce architecture audits, search for vulnerabilities, set up crisis management scenarios, scenarios and incident responses.



# We are RGPD compliant

Niji ensures RGPD compliance in the design and development of your website to comply with the European legal framework on the use and retention of personal data.

## ► GENERAL, ERGONOMIC AND GRAPHIC DESIGN

Define the purpose of the website to determine what data will be collected

Implement appropriate measures to protect the data

Design a website that processes only strictly necessary personal data

Choose the appropriate Analytics solution, and advise on which ones require consent and which do not

During the design phases, Niji anticipates the format of forms and checkboxes, data management policy explanatory page, etc.

## ► TECHNICAL AND FUNCTIONAL IMPLEMENTATION OF RGPD COMPLIANT

Securing the data collected by your website

Retention of data only for as long as necessary

Information about how the data is used and for what purpose

Allow users to give consent on the following basis:

understand how their data will be processed

to choose without constraint whether or not to accept this processing

to change their mind freely

## ► COMPLIANCE WITH LEGAL OBLIGATIONS

Contributing to your register of customer data processing and providing our register as a processor

# Summary of our development commitments

- We guarantee the security, performance and scalability of the solutions we develop



## The Security Guaranty

No vulnerabilities

Secure authentication  
Compliance with the GDPR  
Automatic code audit  
Automated vulnerability tests  
Security insurance plan  
Niji certified ISO 27001  
OWASP Top 10 / ANSSI



## The Performance Guaranty

Optimized downloading times

Intelligent cache management  
Daily measurement of code quality and Time profiling  
Concatenation and minification of css / js files, Javascript files added at the bottom of the page, creation of css sprites, Optimization of images...



## The Evolutivity Guaranty

A code created to last

Maintainable and scalable architecture  
Never customize the core of a CMS  
A 100% validated, structured and documented code  
Automatic analysis of documentation rates

# Appendices



# Beauty Plan tests typologies & RACI

Type	Objectives	Envir.	Ownership	Assumptions
<b>BP Unit tests</b>	Validate Beauty Plan (BP) implementation at software component level	Dev & NIJI Integration	Niji	Automatization of tests
<b>BP Integration Tests</b>	Validate the implementation of Beauty Plan integration with CHANEL IT ecosystem (e.g., Pearl, DCT, HTML connector, ...) in non-connected env.	Dev & NIJI Integration	Niji	Automatization of tests in the Build pipeline as a quality gate.
<b>BP Functional &amp; System Integration tests</b>	<p>Validate individual user stories of Beauty Plan in non-connected env.</p> <p>Validate individual user stories of Beauty Plan in connected env. (with PEARL but not necessary connected with .com if it is not ready)</p> <p>~2-hour session to plan at the end of all iterations of development to perform joint live-tests between Chanel &amp; Niji to validate BP user journeys.</p>	Dev & NIJI Integration INT1 (connected env.)	Niji Niji	Manual Tests Manual Tests – the application is ready to test in INT 1 Manual tests
<b>E2E technical tests</b>	Perform End-to-End (E2E) tests at the end of all iterations of developments to validate integration with all systems , including .com.	INT1 (connected env.)	Chanel F&B	Manual tests
<b>E2E UAT</b>	E2E tests of all features at the end of all iterations of developments to verify that the BP meets its requirements and achieves its goals.	Chanel UAT (connected env.)	Chanel E-business/ F&B	Manual Tests – dataset with functional value (representative of a real user - e.g., with real product details)
<b>Performance Tests</b>	Test the performance of the BP system under different conditions, such as heavy loads, to ensure it can handle real-world usage.	TBD (OAT /UAT/?) (connected env.)	Chanel F&B	
<b>Penetration tests</b>	Test security vulnerabilities and potential threats of the BP system, such as cross-site scripting, SQL injection, and others.	TBD (OAT /UAT/?) (connected env.)	Chanel F&B	
<b>Dry run</b>	Test the BP system roll-out in an environment similar to production.	OAT (connected env.)	Chanel F&B	Manual tests Niji will make sure to integrate the requirements
<b>Specific Expertise Test</b>	Test SEO and tracking implementation of the BP service.	UAT or OAT (connected env.)	Chanel F&B	

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