

# UX Portfolio

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User Experience Designer

# Selected projects



## Calendar for medical practice software (2025)

Design of calendar for medical practice.

**Activities:** Usability testing • Interaction design •

Stakeholder management • IT handover

**Platform:** Desktop

[Page 3](#)



## Hosted BPX web portal (2022)

Redesign the telephone configuration web portal and improve overall usability.

**Activities:** Usability testing • Interaction design •

Stakeholder management • IT handover

**Platform:** Desktop

[Page 10](#)



## Hosted PBX design system (2022)

Create a design system in Figma for Hosted PBX web portal.

**Activities:** Visual design • Interaction design •

Stakeholder management • IT handover

**Platform:** Desktop

[Page 20](#)



## CSX mobile banking (2020)

Redesign the mobile banking app.

**Activities:** Focus groups • Usability testing •

Interaction design • Prototyping • Design thinking workshop facilitation • Stakeholder management • IT handover

**Platform:** Mobile and tablet (iOS and Android)

[Page 24](#)



## Online payments (2019)

Redesign the payment entry flows for private and business clients.

**Activities:** Usability testing • Interaction design •

Design thinking workshop facilitation • Stakeholder management • IT handover

**Platform:** Desktop, Tablet, Mobile (iOS and Android)

[Page 29](#)



## Banking design system (2020)

Create a design system in Sketch for online banking.

**Activities:** Visual design • Interaction design • IT handover

**Platform:** Desktop, Tablet, Mobile (iOS and Android)

[Page 36](#)

# Calendar for medical practice software

Jun 2024 - Present

## Problem statement

In a medical practice there are many different users with different needs in a given time. An assistant must be able to schedule appointments, a doctor needs to know her or his next appointment.

## Project goal

Design a solution which serves the needs of medical assistants, physiotherapists and psychotherapist s

## Team

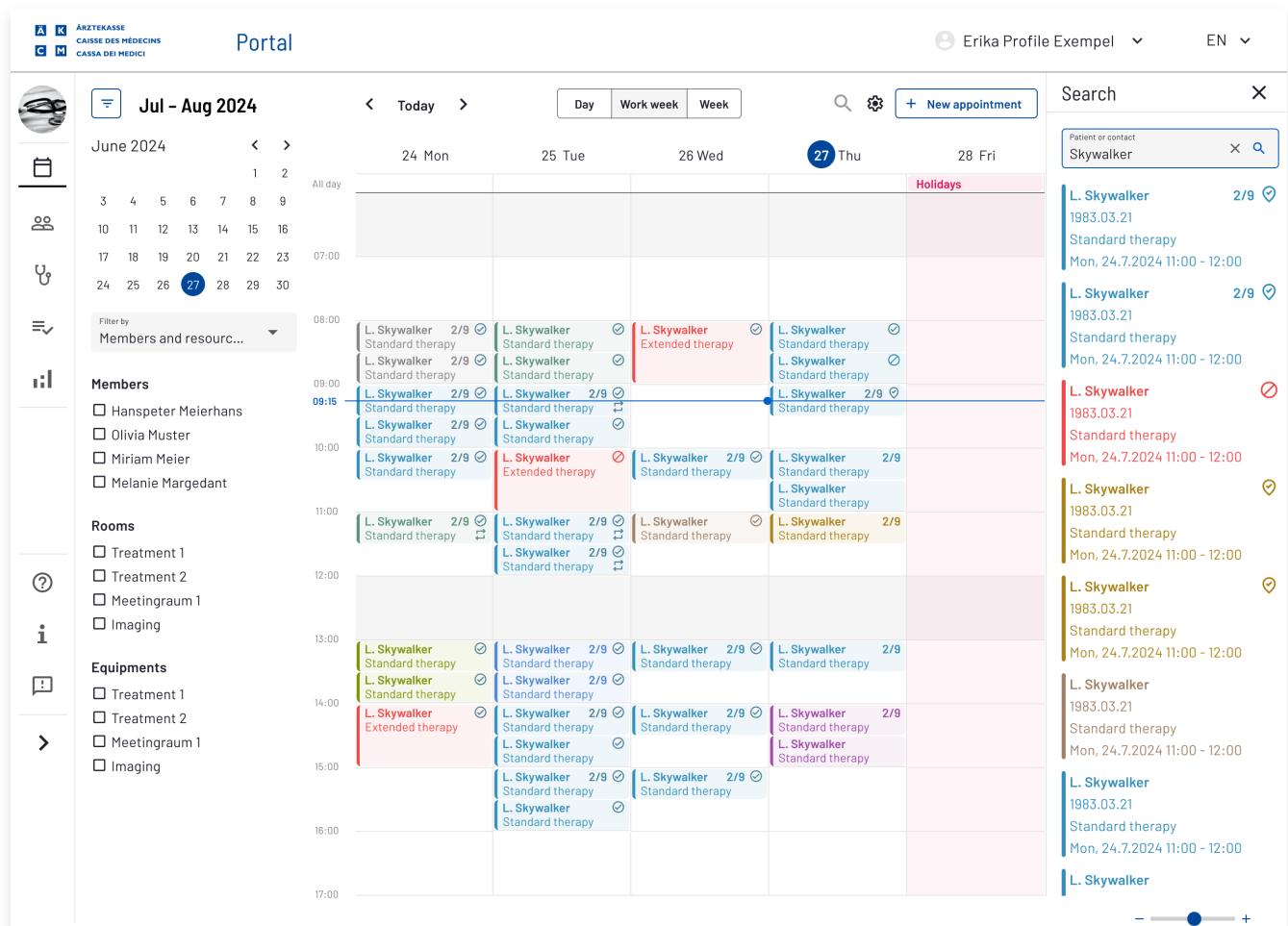
5 developers, 1 business analyst, 1 UX designers

## Roles played

Senior UX designer, design the entire calendar experience.

## Activities

- UX Design (Figma)
- Collaboration with Engineers, Stakeholders
- Usability testing (in-person, MS Teams)



The screenshot shows a medical practice calendar software interface. The top navigation bar includes the logo for ÄRZTEKASSE, CAISSE DES MÉDECINS, and CASSA DEI MEDICI, followed by a user profile for "Erika Profile Exempel" and language selection "EN". The main view is a "Portal" calendar for the period Jul - Aug 2024. The calendar grid shows appointments for "L. Skywalker" across multiple rooms (Treatment 1, Treatment 2, Meetingraum 1, Imaging) at various times (08:00 to 17:00). Appointments are color-coded by provider and type (Standard therapy vs. Extended therapy). A sidebar on the left provides quick access to users, members, rooms, equipments, and filters. A sidebar on the right lists patient profiles for "Skywalker" with their birthdates and appointment details.

# Calendar for medical practice software

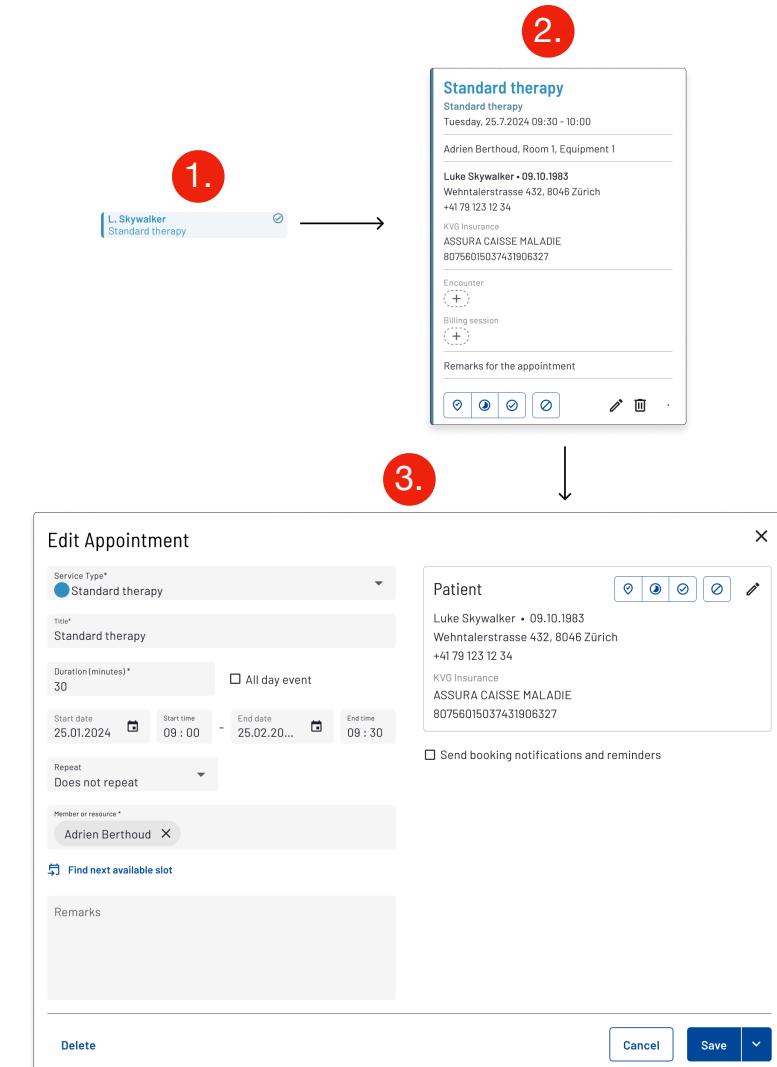
## Getting started

### Challenges

1. Key calendar feature to the user is to get an overview of the appointments. First challenge was to keep the information minimum, but still provide a clear picture about user's schedule.
2. Another challenge was to provide different versions for each software iteration. This means the design needed to be ready to accommodate the final state, but flexible to downgrade to intermediate states.
3. Lastly we needed to decide what can be preconfigured by our onboarding team and what should be editable. Medical staff has very little time to play with the software, providing good enough defaults is essential for high productivity.

### Proposed solution

1. Addressing the information balance challenge, we conducted interviews with users, SMEs and went for the commonly used approach to have 3 states for appointment (see on the screenshot on the right)
2. From the beginning of the project I prepared the final state. Using Figma components I versioned the different states and kept upgrading the component instances as we progressed in the roadmap.
3. After several workshops with stakeholders, users and developers we decided on a clear separation between configuration and usage.



1. Appointment card, 2. Appointment preview, 3. Edit appointment

# Calendar for medical practice software

## View schedules

### Challenges

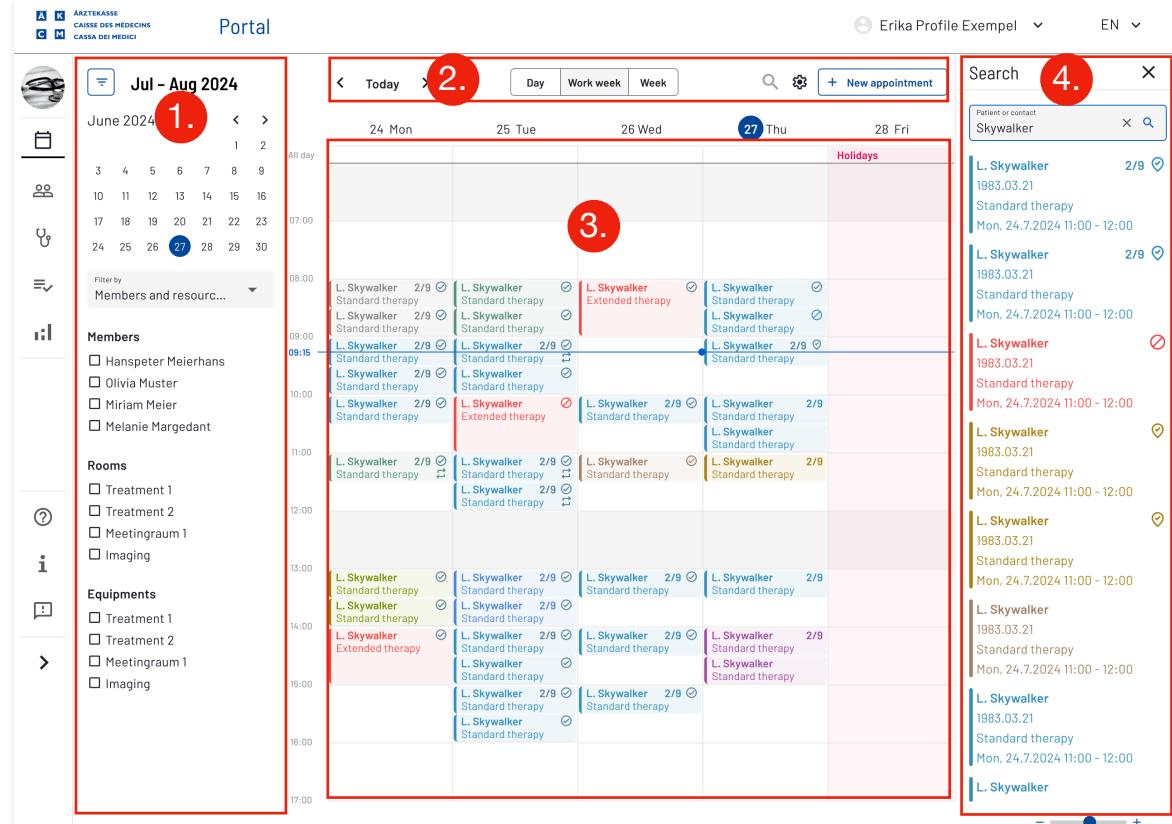
1. Make it easy for assistants to see and schedule appointments for all medical practitioners.
2. Allow users to quickly distinguish between different type of treatment appointments.
3. Provide an intuitive way of finding appointments and seeing conflicts.

### Proposed solution

For a medical practice the week and a day view is very essential. Point 2 on the screenshot shows how users can perform common calendar navigation like going to next week, or view only the day schedules.

Point 1 on the screenshot depicts the standard month view and a quick filter for practitioners calendars. This helps assistants to check for a specific practitioner's calendar.

We introduced a side panel to depict search results instead of dialog to keep users in the flow ( Point 4).



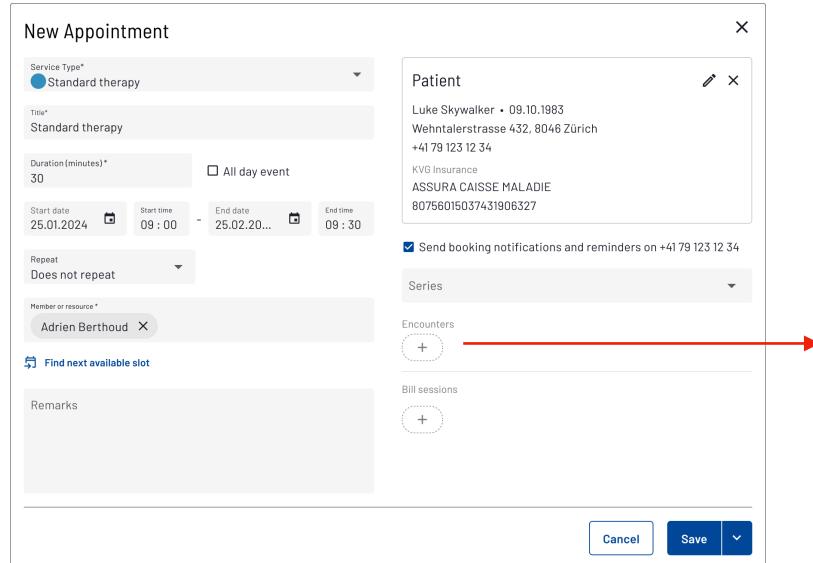
1. Month overview and filters,
2. Navigation bar, 3. Appointments, 4. Search results

# Calendar for medical practice software

## Take medical notes and bill from appointment

Medical notes module was developed as a separate module. This presented challenges to allow users quickly take medical notes starting from the appointments. The same is true for the billing module.

The solution was to jump from the appointment to the other module (medical notes or billing) where users complete their task and should be able to navigate easily back to calendar to continue with their schedule.



New Appointment

Service Type\*  Standard therapy

Title\* Standard therapy

Duration (minutes)\* 30  All day event

Start date 25.01.2024 Start time 09:00 End date 25.02.20... End time 09:30

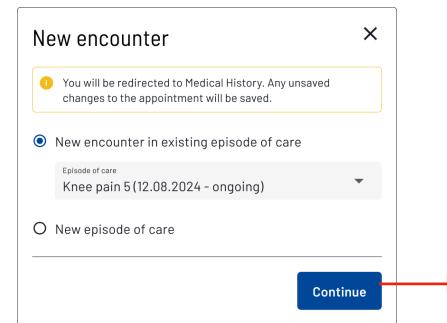
Repeat Does not repeat

Member or resource\* Adrien Berthoud

[Find next available slot](#)

Remarks

[Cancel](#) [Save](#)



New encounter

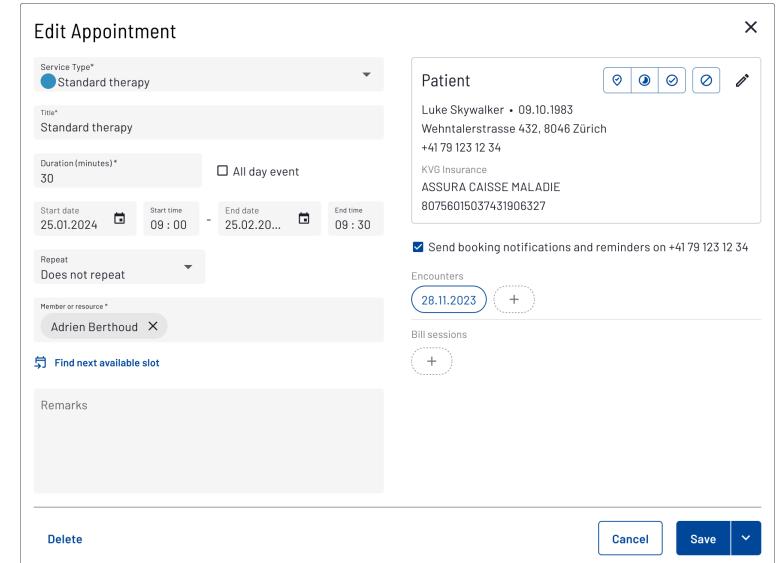
You will be redirected to Medical History. Any unsaved changes to the appointment will be saved.

New encounter in existing episode of care  
Episode of care: Knee pain 5 (12.08.2024 - ongoing)

New episode of care

[Continue](#)

User can choose where to store the medical note



Edit Appointment

Service Type\*  Standard therapy

Title\* Standard therapy

Duration (minutes)\* 30  All day event

Start date 25.01.2024 Start time 09:00 End date 25.02.20... End time 09:30

Repeat Does not repeat

Member or resource\* Adrien Berthoud

[Find next available slot](#)

Encounters [28.11.2023](#) [+](#)

Bill sessions [+](#)

Remarks

[Delete](#) [Cancel](#) [Save](#)

Returning to the calendar and viewing the link to the note

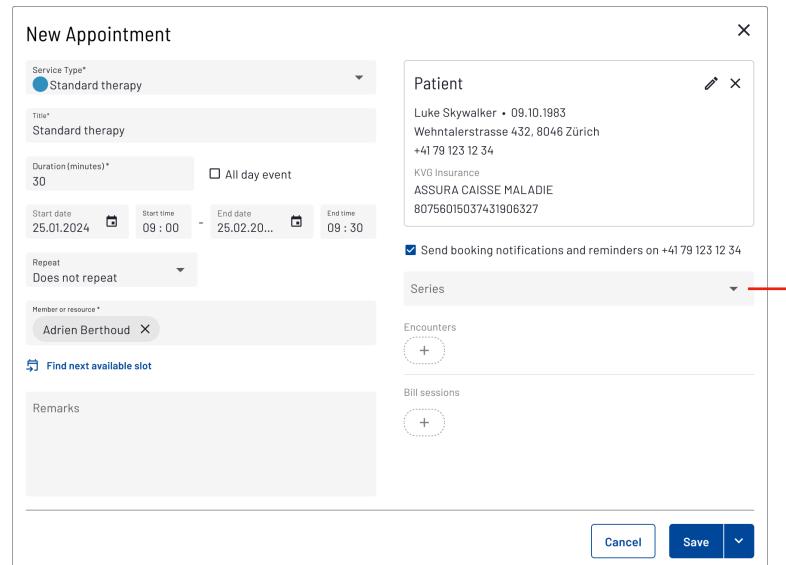
New appointment

# Calendar for medical practice software

## Plan therapy series

Therapists in Switzerland work with series of appointments. For this software we decided to connect an appointment with medical note and bill together. A therapist can, but not forced to use calendar to plan a series. Also an appointment can, but it's not a must to belong to a series.

There are many business rules this feature needed to fulfill, the solution was to allow selection of a series in an appointment with an option to create new notes and bills.



New Appointment

Service Type\* Standard therapy

Patient

Luke Skywalker • 09.10.1983  
Wehntalerstrasse 432, 8046 Zürich  
+41 79 123 12 34

KVG Insurance  
ASSURA CAISSE MALADIE  
80756015037431906327

Duration (minutes)\* 30  All day event

Start date 25.01.2024 Start time 09:00 End date 25.02.2024 End time 09:30

Repeat Does not repeat

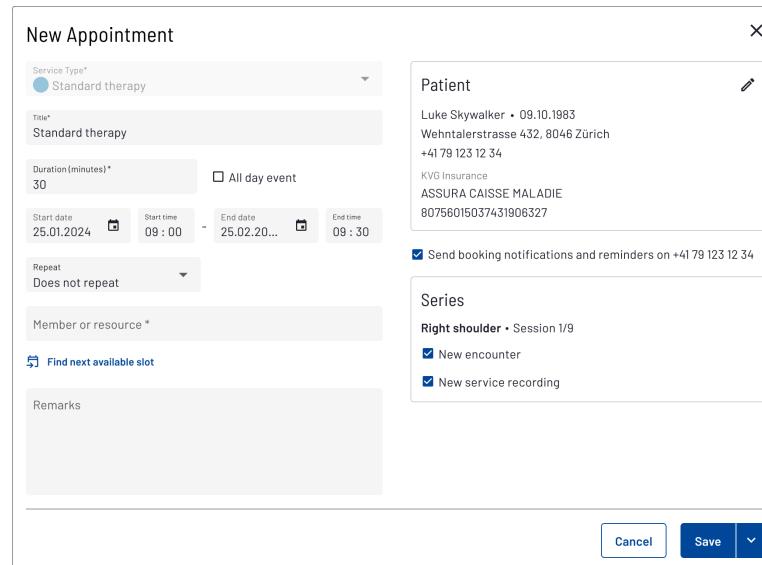
Member or resource\* Adrien Berthoud 

 Find next available slot

Remarks

Cancel Save

New appointment without series



New Appointment

Service Type\* Standard therapy

Patient

Luke Skywalker • 09.10.1983  
Wehntalerstrasse 432, 8046 Zürich  
+41 79 123 12 34

KVG Insurance  
ASSURA CAISSE MALADIE  
80756015037431906327

Title\* Standard therapy

Duration (minutes)\* 30  All day event

Start date 25.01.2024 Start time 09:00 End date 25.02.2024 End time 09:30

Repeat Does not repeat

Member or resource\* Right shoulder • Session 1/9

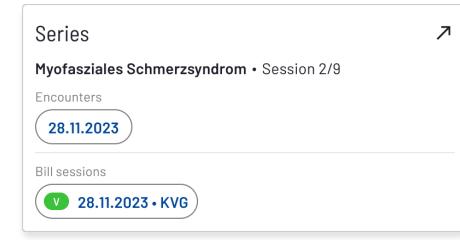
New encounter  New service recording

 Find next available slot

Remarks

Cancel Save

Series attached to the new appointment



Series

Myofaziales Schmerzsyndrom • Session 2/9

Encounters

28.11.2023

Bill sessions

28.11.2023 • KVG

After save the notes and the bill is automatically created.

# Calendar for medical practice software

## Configuration

After workshops with users, SMEs, Stakeholders and engineers we decided to separate the following settings from the calendar module:

- Set opening hours
- Set custom holidays
- Allow online booking for patients
- Define practice members who are bookable and have their calendar in the system
- Define Equipments and rooms to be bookable
- Define what kind of services should the practice offer
- Toggle on/off the option to remind patients about their appointments.

The screenshot shows the 'Konfiguration' (Configuration) screen for setting opening hours. The interface is in English (EN). The top navigation bar includes the logo for ÄRZTEKASSE, CAISSE DES MÉDECINS, and CASSA DEI MEDICI, and user profile information for 'Erika Profile Exempel'. The left sidebar has icons for Home, People, and Configuration. The main content area is titled 'Location name' and contains tabs for Location, Agenda, Catalogs & Meta tariffs, Medical settings, and General settings. The 'Agenda' tab is active. It features a grid for defining opening hours by day of the week. Each day row has a 'Opening hours' section with a time range (08:00 - 17:00) and a trash icon. Below the days are sections for 'Saturdays' and 'Sundays', each with a plus sign and a trash icon. At the bottom right are 'Revert changes' and 'Save' buttons.

As with other modules, here many business requirements needed to be respected. Many scenarios needed to be explored to provide an intuitive configuration which will not crash the calendar.

Configuring opening hours. Separated application from the main app.

# Calendar for medical practice software

## Conclusion

Thanks to the access of many users and SMEs we were able to shape the look and feel of the calendar to allow all user groups to achieve their goals. The implementation of this module require knowledge about advanced user gestures like drag and drop, it helped me to have very good Front End Developers who challenged the concepts and were able to prototype interactions which in Figma was difficult to do.

Calendar is still in development and is relatively new to the users therefore no conclusion about the usage can be made.

# Hosted BPX web portal

Mar 2022 - Dec 2023

## Problem statement

Swisscom's products and services are continuously evolving and frequently sold through separate websites. In line with the company's vision, the next step involved consolidating all business services into a unified portal.

As a result, the telephone configuration portal, for which I was responsible for user experience, also needed to be migrated.

## Project goal

Transition the portal to the new business-to-business platform and adjust the visual experience to align with it. Furthermore, incorporate new features and enhancements.

## Team

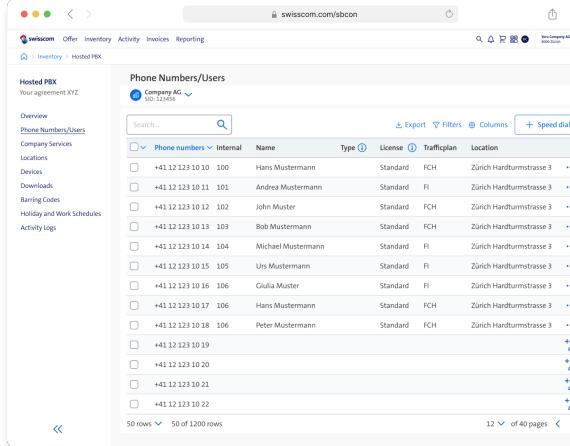
12 full-stack developers, product owner, scrum master, 2 product manager and a customer care agent.

## Roles

Me and another designer were responsible for the overall product experience.

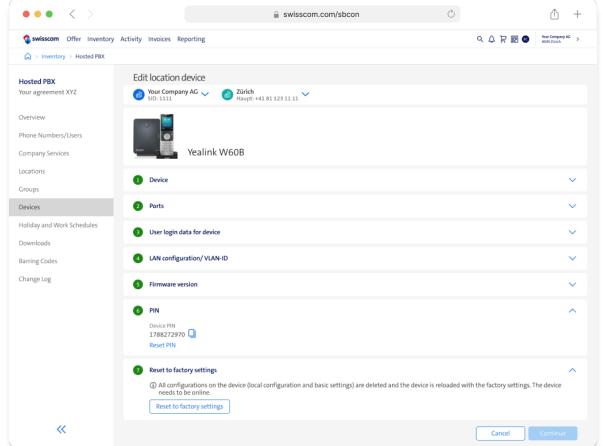
## Activities

- Interviews in a form of shadowing days
- Requirement engineering (Jira, Confluence)
- Interaction design (Figma)
- Prototyping (Figma)



Phone numbers	Internal	Name	Type	License	Trafficplan	Location
+41 12 23 10 10		Hans Mustermann	Standard	FCH	Zürich Hardturmstrasse 3	
+41 12 23 10 11	101	Andrea Mustermann	Standard	FI	Zürich Hardturmstrasse 3	
+41 12 23 10 12	102	John Muster	Standard	FCH	Zürich Hardturmstrasse 3	
+41 12 23 10 13	103	Bob Mustermann	Standard	FCH	Zürich Hardturmstrasse 3	
+41 12 23 10 14	104	Michael Mustermann	Standard	FI	Zürich Hardturmstrasse 3	
+41 12 23 10 15	105	Urs Mustermann	Standard	FI	Zürich Hardturmstrasse 3	
+41 12 23 10 16	106	Giulia Muster	Standard	FCH	Zürich Hardturmstrasse 3	
+41 12 23 10 17	106	Hans Mustermann	Standard	FCH	Zürich Hardturmstrasse 3	
+41 12 23 10 18	106	Peter Mustermann	Standard	FCH	Zürich Hardturmstrasse 3	
+41 12 23 10 19						
+41 12 23 10 20						
+41 12 23 10 21						
+41 12 23 10 22						

Phone numbers overview screen

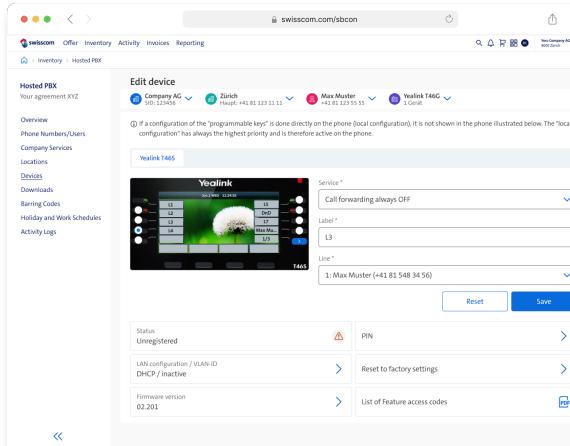


Hosted PBX  
Your agreement XYZ

Edit location device  
Your Company AG - No. 1111 - Zürich - Height: +41 81 323 11 11

Device  
Ports  
User login data for device  
LAN configuration/VLAN-ID  
Firmware version  
PIN  
Device PIN  
1788272970  
Reset PIN  
Reset to factory settings  
All configurations on the device (local configuration and basic settings) are deleted and the device is reloaded with the factory settings. The device needs to be online.  
Reset to factory settings

Edit device details screen



Edit device  
Company AG - Zürich - Height: +41 81 323 11 11 - Max Muster - Yealink T46G

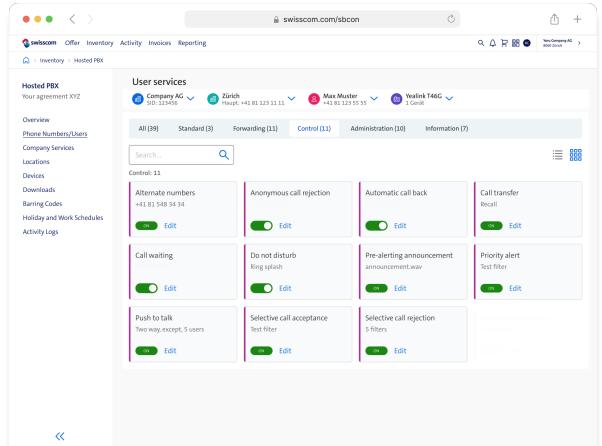
Yealink T46G

WinkTags

Service \* Call forwarding always OFF  
Label \* L3  
Line \* 1: Max Muster (+41 81 548 34 56)  
Reset Save

Status Unregistered  
LAN configuration / VLAN-ID DHCP / inactive  
Firmware version 02.2021  
PIN  
List of Feature access codes

Configure telephone buttons screen



User services  
All (19) Standard (3) Forwarding (11) Control (11) Administration (10) Information (7)

Control 11	Alternate numbers +41 81 548 34 34	Anonymous call rejection	Automatic call back	Call transfer Recall
<input checked="" type="checkbox"/> Edit				
<input checked="" type="checkbox"/> Edit				
<input checked="" type="checkbox"/> Edit				
<input checked="" type="checkbox"/> Edit				
<input checked="" type="checkbox"/> Edit				
<input checked="" type="checkbox"/> Edit				
<input checked="" type="checkbox"/> Edit				
<input checked="" type="checkbox"/> Edit				
<input checked="" type="checkbox"/> Edit				

Telephone user services screen

# Hosted BPX web portal

## Getting started

### Challenges

Transitioning the Hosted PBX to the new portal required the reimplementation of over 30 complex use cases. We had to determine which functionalities to transfer, modify, and implement anew.

Another challenge we encountered was related to requirement documentation. Developers provided feedback that the requirements were often outdated and excessively lengthy to read. We aimed to address this issue as well.

### Proposed solution

We began by reviewing the documentation of the current version. Based on this, we created a table in Confluence containing all the use cases for the new service, Hosted PBX. This document was used to capture new requirements, set priorities, and attach links to design files. Following that, we organized a series of workshops to adjust the use cases based on stakeholder feedback.

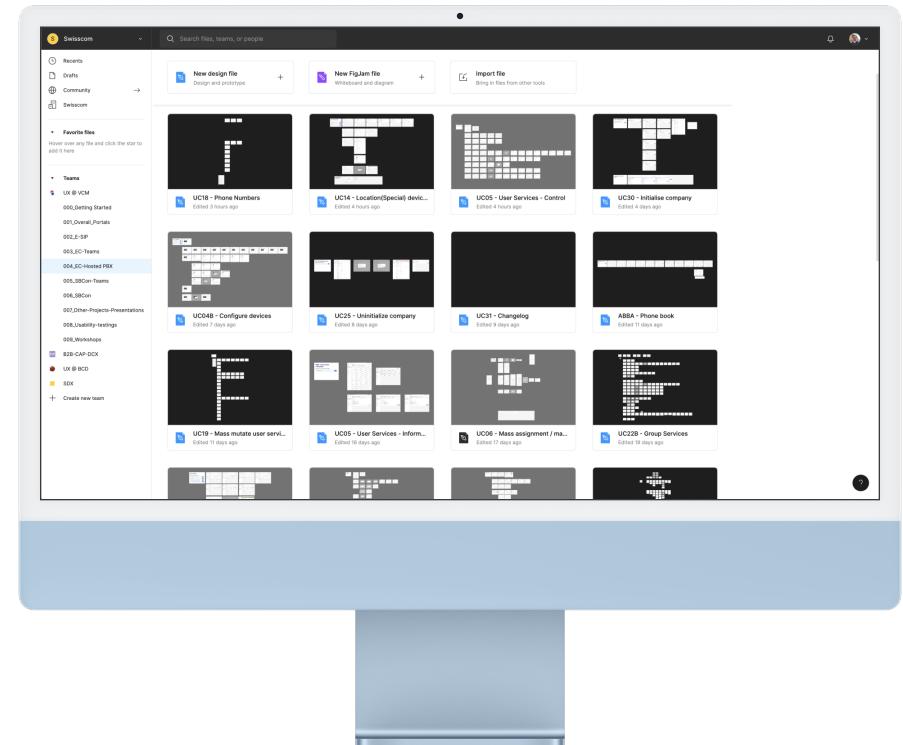
To tackle the challenge associated with documentation, we opted to exclusively use Figma. Rather than relying on written documentation, we designed and prototyped all crucial scenarios and added comments only when necessary.

### Lessons learned

The combination of Confluence and Figma worked very good. Developers appreciated the brief documentation and clickable prototypes.

With the help of Figma's design libraries we created rich design documents with speed. We learned to architect design files with component variants in mind.

Instead of listing all 30 use cases, on the following pages I detailed few major changes we made on Hosted PBX.



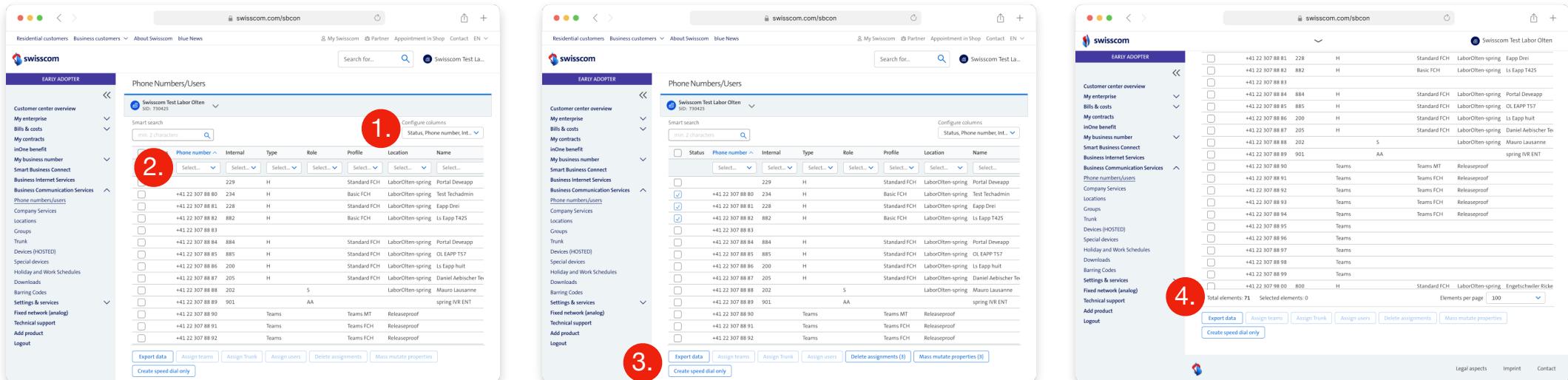
Hosted PBX Figma design files containing all essential use cases

# Hosted BPX web portal

## Redesigning the phone numbers table

### Previous version

According to Adobe Analytics and user feedback, the table displaying phone numbers has emerged as the most frequently accessed page. Through engaging in conversations with users and customer care representatives, we have pinpointed several areas of usability that require improvement:



Status	Phone number	Internal	Type	Role	Profile	Location	Name
<input type="checkbox"/>	+41 22 307 88 80	234	H	Standard FCH	LaborOthen-spring	Portal Devapp	
<input type="checkbox"/>	+41 22 307 88 81	228	H	Standard FCH	LaborOthen-spring	Eapp Drei	
<input type="checkbox"/>	+41 22 307 88 82	882	H	Basic FCH	LaborOthen-spring	Ls Eapp T425	
<input type="checkbox"/>	+41 22 307 88 83						
<input type="checkbox"/>	+41 22 307 88 84	884	H	Standard FCH	LaborOthen-spring	Portal Devapp	
<input type="checkbox"/>	+41 22 307 88 85	885	H	Standard FCH	LaborOthen-spring	OL EAPP T57	
<input type="checkbox"/>	+41 22 307 88 86	200	H	Standard FCH	LaborOthen-spring	Ls Eapp huit	
<input type="checkbox"/>	+41 22 307 88 87	205	H	Standard FCH	LaborOthen-spring	Daniel Aebscher Te	
<input type="checkbox"/>	+41 22 307 88 88	202	S	LaborOthen-spring	Mauro Lausanne	spring VR ENT	
<input type="checkbox"/>	+41 22 307 88 89	901	AA	Teams	Teams MT	Releaseproof	
<input type="checkbox"/>	+41 22 307 88 90						
<input type="checkbox"/>	+41 22 307 88 91						
<input type="checkbox"/>	+41 22 307 88 92						

1. Column configuration - user settings are not stored between sessions, therefore users stopeed to them
2. Column quick filters - our analytics shows the “Smart search” is used over the column filters due to it's performance and capability to search across the entire table

3. All table actions are always visible and they are displayed in two rows. This takes up space from the phone numbers table. Users have difficulty to learn what options they have with the current selection.

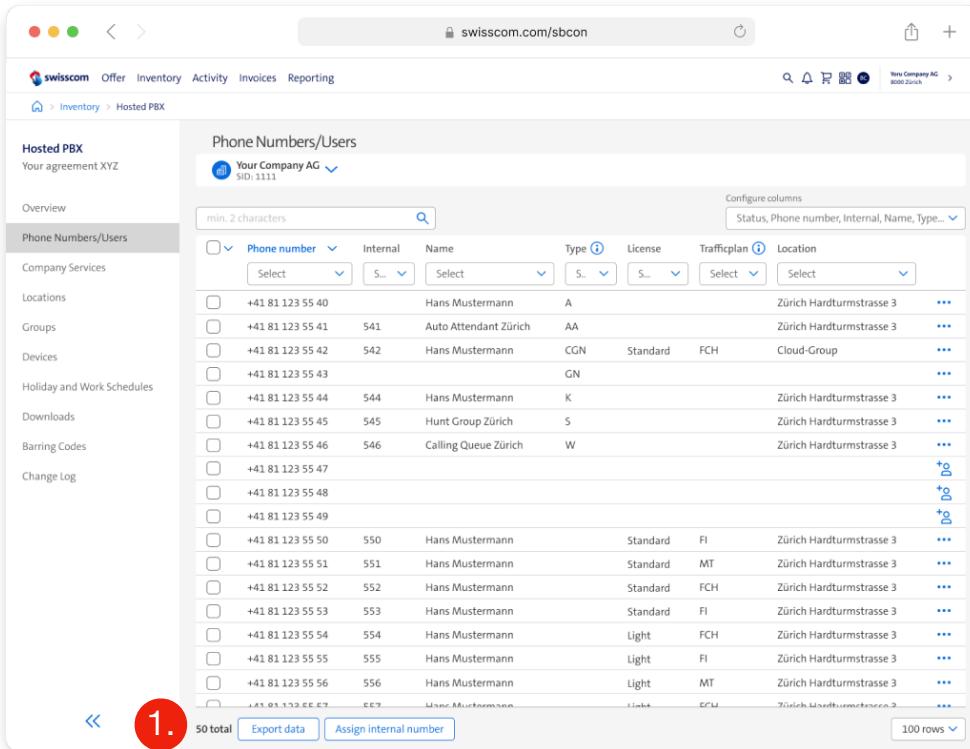
4. The total /selected items, together with pagination setting is only visible after the user scrolled to the end of the table. Most of the users never discovered this section

# Hosted BPX web portal

## Redesigning the phone numbers table

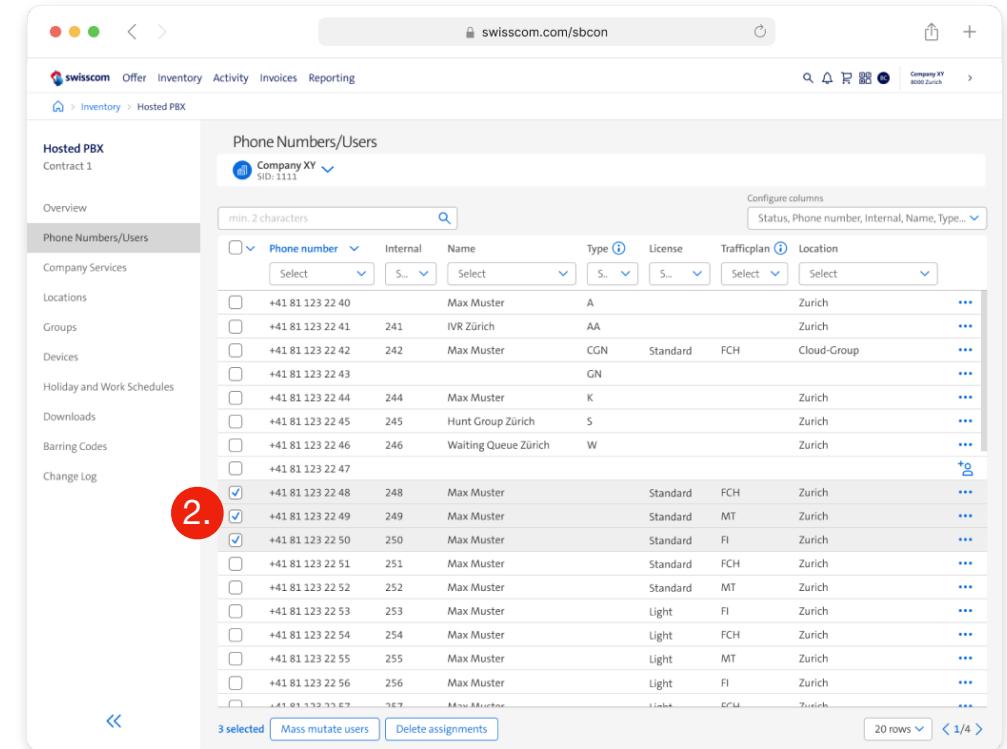
### Temporary solution

As a quick-win towards better usability we made the following table improvements:



This screenshot shows the original state of the "Phone Numbers/Users" table. It lists multiple rows for a single user, "Hans Mustermann", each with different internal numbers and traffic plans. The table includes columns for Phone number, Internal, Name, Type, License, Trafficplan, and Location. A red circle labeled "1." highlights the footer area, which shows "50 total" and buttons for "Export data" and "Assign internal number".

1. The two rows were merged into a single row. Only the actions relevant to the current context are displayed, everything else stays hidden.



This screenshot shows the redesigned table after the improvements. The previous two rows for "Hans Mustermann" have been merged into a single row. The table now displays a single row for each user, with all relevant details like internal numbers and traffic plans listed in one place. A red circle labeled "2." highlights the footer area, which now shows "3 selected" and buttons for "Mass mutate users" and "Delete assignments".

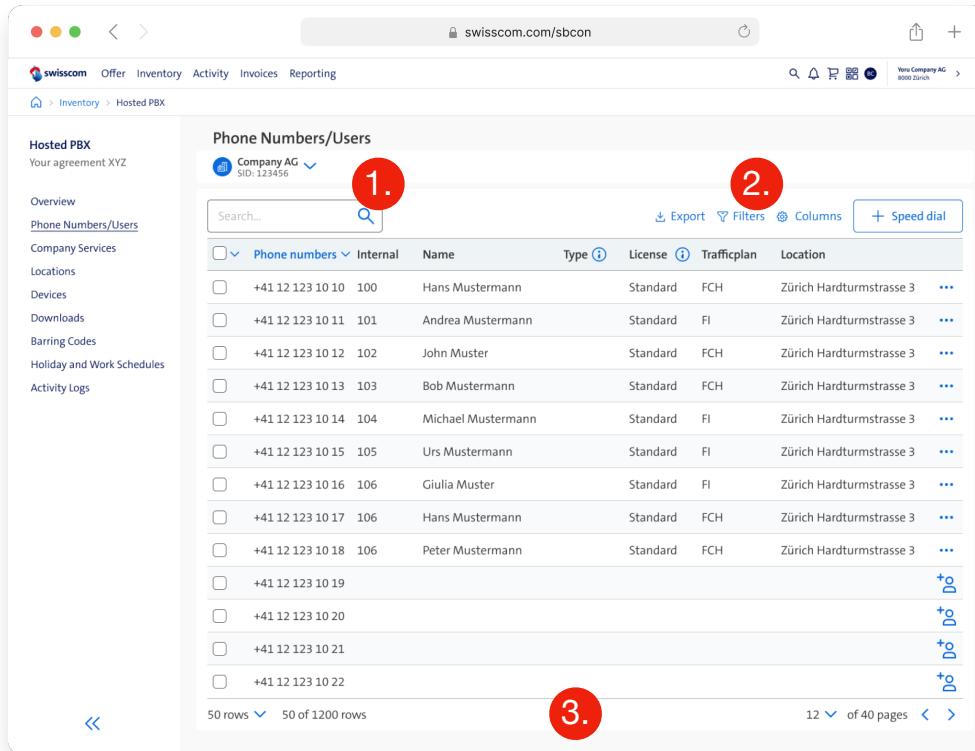
2. When phone numbers are selected, the footer shows only the selected items and possible actions with those items.

# Hosted BPX web portal

## Redesigning the phone numbers table

### Final version

The result of the ideation session, usability testing and alignment with other UX teams.



**Phone Numbers/Users**

Search... 🔍

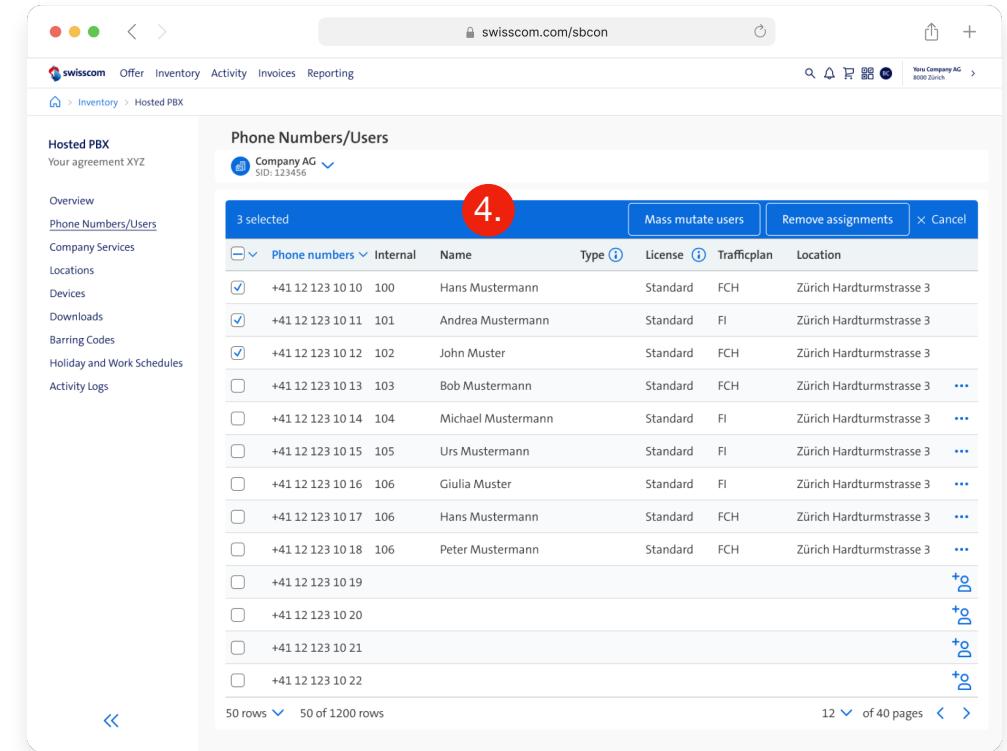
Export Filters Columns + Speed dial

	Phone numbers	Internal	Name	Type ⓘ	License ⓘ	Trafficplan	Location	⋮
<input type="checkbox"/>	+41 12 123 10 10	100	Hans Mustermann	Standard	FCH	Zürich Hardturmstrasse 3	...	
<input type="checkbox"/>	+41 12 123 10 11	101	Andrea Mustermann	Standard	FI	Zürich Hardturmstrasse 3	...	
<input type="checkbox"/>	+41 12 123 10 12	102	John Muster	Standard	FCH	Zürich Hardturmstrasse 3	...	
<input type="checkbox"/>	+41 12 123 10 13	103	Bob Mustermann	Standard	FCH	Zürich Hardturmstrasse 3	...	
<input type="checkbox"/>	+41 12 123 10 14	104	Michael Mustermann	Standard	FI	Zürich Hardturmstrasse 3	...	
<input type="checkbox"/>	+41 12 123 10 15	105	Urs Mustermann	Standard	FI	Zürich Hardturmstrasse 3	...	
<input type="checkbox"/>	+41 12 123 10 16	106	Giulia Muster	Standard	FI	Zürich Hardturmstrasse 3	...	
<input type="checkbox"/>	+41 12 123 10 17	106	Hans Mustermann	Standard	FCH	Zürich Hardturmstrasse 3	...	
<input type="checkbox"/>	+41 12 123 10 18	106	Peter Mustermann	Standard	FCH	Zürich Hardturmstrasse 3	...	
<input type="checkbox"/>	+41 12 123 10 19							
<input type="checkbox"/>	+41 12 123 10 20							
<input type="checkbox"/>	+41 12 123 10 21							
<input type="checkbox"/>	+41 12 123 10 22							

50 rows 50 of 1200 rows

12 of 40 pages < >

1. Search bar - remains the main action due to it's high usage
2. Table Actions, exports, filters - actions related to the table content were moved to the top-right area of the header. Inspired by Carbon Design system from IBM
3. Table footer - contains only generic table actions like pagination



**Phone Numbers/Users**

3 selected

Mass mutate users Remove assignments × Cancel

Export Filters Columns + Speed dial

	Phone numbers	Internal	Name	Type ⓘ	License ⓘ	Trafficplan	Location	⋮
<input checked="" type="checkbox"/>	+41 12 123 10 10	100	Hans Mustermann	Standard	FCH	Zürich Hardturmstrasse 3	...	
<input checked="" type="checkbox"/>	+41 12 123 10 11	101	Andrea Mustermann	Standard	FI	Zürich Hardturmstrasse 3	...	
<input checked="" type="checkbox"/>	+41 12 123 10 12	102	John Muster	Standard	FCH	Zürich Hardturmstrasse 3	...	
<input type="checkbox"/>	+41 12 123 10 13	103	Bob Mustermann	Standard	FCH	Zürich Hardturmstrasse 3	...	
<input type="checkbox"/>	+41 12 123 10 14	104	Michael Mustermann	Standard	FI	Zürich Hardturmstrasse 3	...	
<input type="checkbox"/>	+41 12 123 10 15	105	Urs Mustermann	Standard	FI	Zürich Hardturmstrasse 3	...	
<input type="checkbox"/>	+41 12 123 10 16	106	Giulia Muster	Standard	FI	Zürich Hardturmstrasse 3	...	
<input type="checkbox"/>	+41 12 123 10 17	106	Hans Mustermann	Standard	FCH	Zürich Hardturmstrasse 3	...	
<input type="checkbox"/>	+41 12 123 10 18	106	Peter Mustermann	Standard	FCH	Zürich Hardturmstrasse 3	...	
<input type="checkbox"/>	+41 12 123 10 19							
<input type="checkbox"/>	+41 12 123 10 20							
<input type="checkbox"/>	+41 12 123 10 21							
<input type="checkbox"/>	+41 12 123 10 22							

50 rows 50 of 1200 rows

12 of 40 pages < >

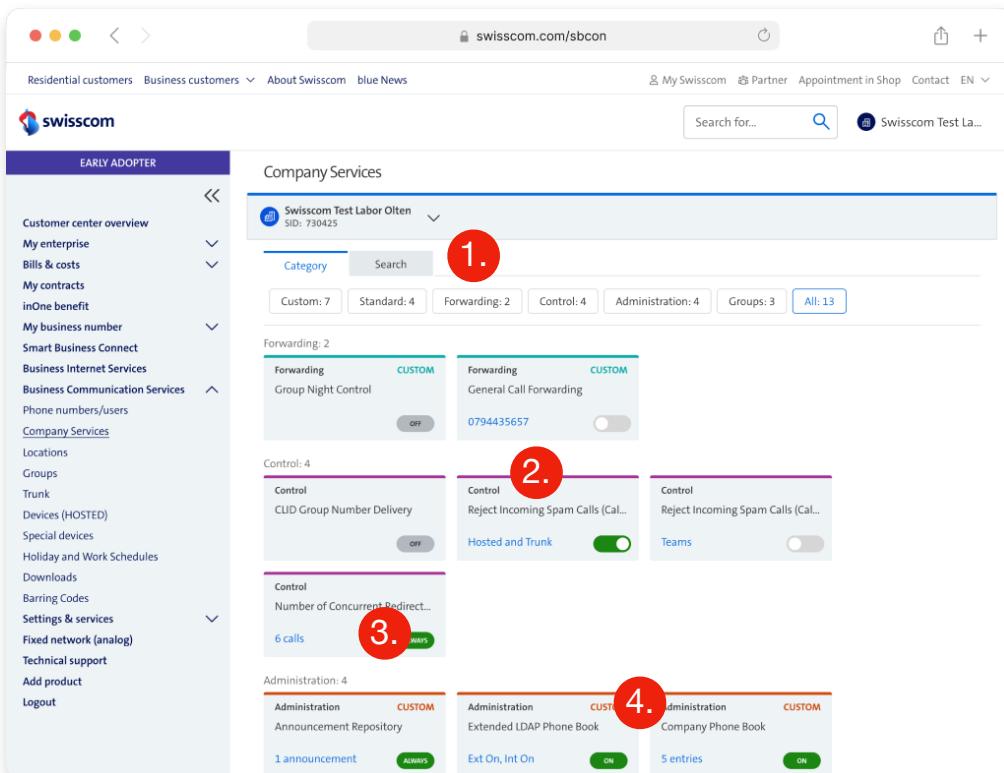
4. When phone numbers are selected, the header conceals search and additional actions, instead emphasizing the actions that are currently available based on the given selection.

# Hosted BPX web portal

## Redesigning the Services overview

### Previous version

The application provides additional features to users throughout Services overview page. There are different services for the company, groups, devices and users. These services are critical to change settings like call forwarding, do not disturb and many other telephone configurations. The following issues were identified:



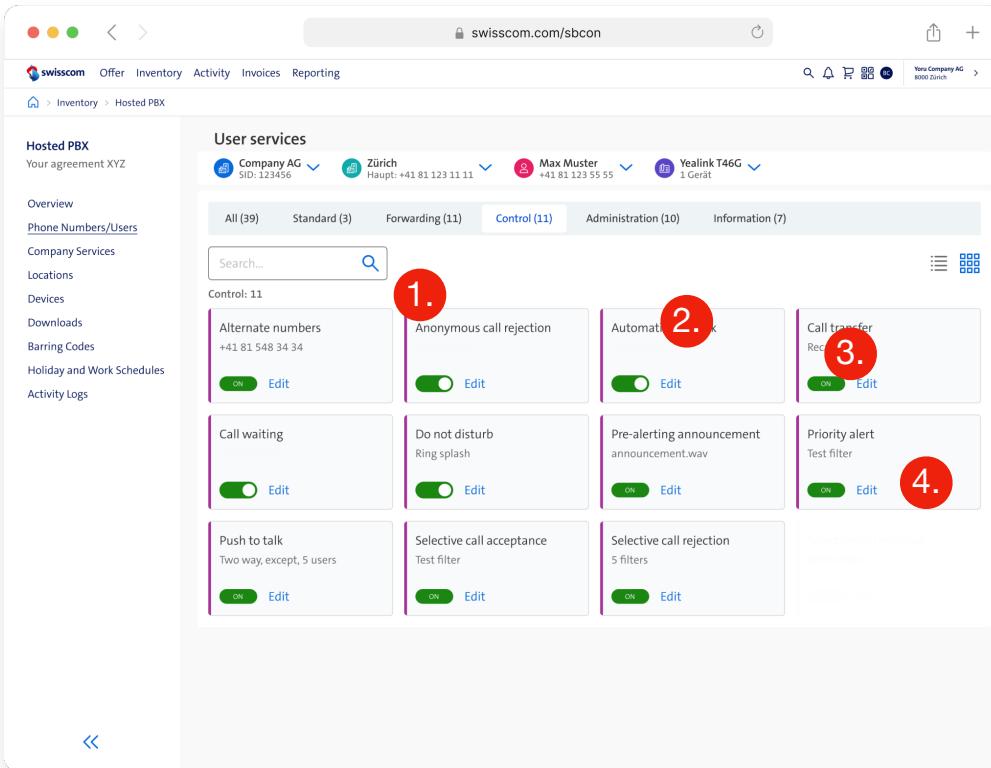
1. Most of the users use the built-in browser search as it is more convenient as switching to search tab, select search input and start typing.
2. The layout for the most commonly used screen size has 3 columns. Because of this users see only fewer services at a time.
3. Too many service status makes it hard to understand and remember them.
4. The service category titles are displayed redundantly.

# Hosted BPX web portal

## Redesigning the Services overview

### Final version

This overview serve as a cross-route where end users want to quickly find and configure, or turn on/off a service. The final design received many positive feedback from users and other stakeholders.



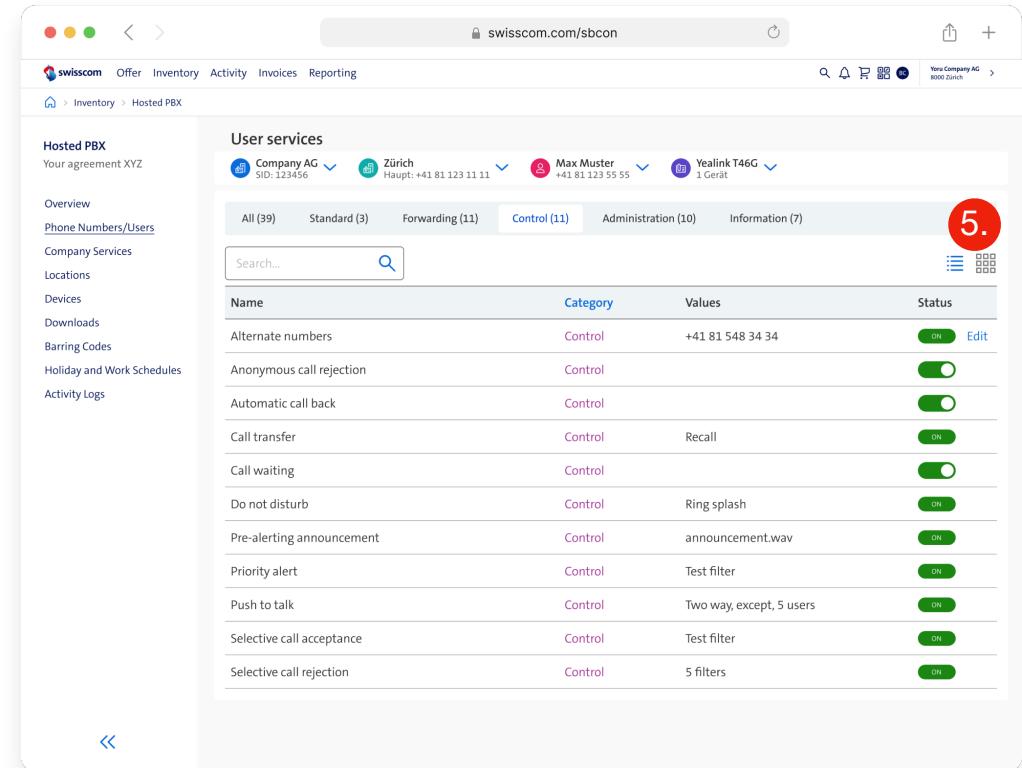
The screenshot shows a web browser window for [swisscom.com/sbcon](https://swisscom.com/sbcon). The main header includes the Swisscom logo, navigation links (Offer, Inventory, Activity, Invoices, Reporting), and account information (Your Company AG, 8000 Zurich). Below the header, the page title is "Inventory > Hosted PBX". The main content area is titled "User services" under "Hosted PBX". It displays a grid of service cards. A search bar is located at the top left of the card area. The cards are organized into four columns:

- Control: 11**
- 1.** Alternate numbers (status: ON, edit link)
- 2.** Anonymous call rejection (status: OFF, edit link)
- 3.** Automatic call back (status: OFF, edit link)
- 4.** Call transfer (status: ON, edit link)
- 5.** Call waiting (status: OFF, edit link)
- 6.** Do not disturb (status: OFF, edit link)
- 7.** Pre-alerting announcement (status: ON, edit link)
- 8.** Priority alert (status: ON, edit link)
- 9.** Push to talk (status: ON, edit link)
- 10.** Selective call acceptance (status: ON, edit link)
- 11.** Selective call rejection (status: ON, edit link)

Below the cards, there are category filters: All (39), Standard (3), Forwarding (11), Control (11) (highlighted in blue), Administration (10), and Information (7).

1. Search field moved next to category filters.
2. For the same resolution we now provide 4 columns, which makes the page compacter and allows to display more services at once.
3. The service status was refactored to contain only 3: off, on, and a toggle.
4. The cards contain only relevant information without additional noise.

As a next step the search field requires a keyboard shortcut as the users use mostly keyboard.



The screenshot shows the same web browser window as the previous one, but the "Control" card is highlighted in red with a circled number "5". The main content area is titled "User services" under "Hosted PBX". The service list is presented in a table format:

Name	Category	Values	Status
Alternate numbers	Control	+41 81 548 34 34	<input checked="" type="button"/> Edit
Anonymous call rejection	Control		<input checked="" type="button"/>
Automatic call back	Control		<input checked="" type="button"/>
Call transfer	Control	Recall	<input checked="" type="button"/>
Call waiting	Control		<input checked="" type="button"/>
Do not disturb	Control	Ring splash	<input checked="" type="button"/>
Pre-alerting announcement	Control	announcement.wav	<input checked="" type="button"/>
Priority alert	Control	Test filter	<input checked="" type="button"/>
Push to talk	Control	Two way, except, 5 users	<input checked="" type="button"/>
Selective call acceptance	Control	Test filter	<input checked="" type="button"/>
Selective call rejection	Control	5 filters	<input checked="" type="button"/>

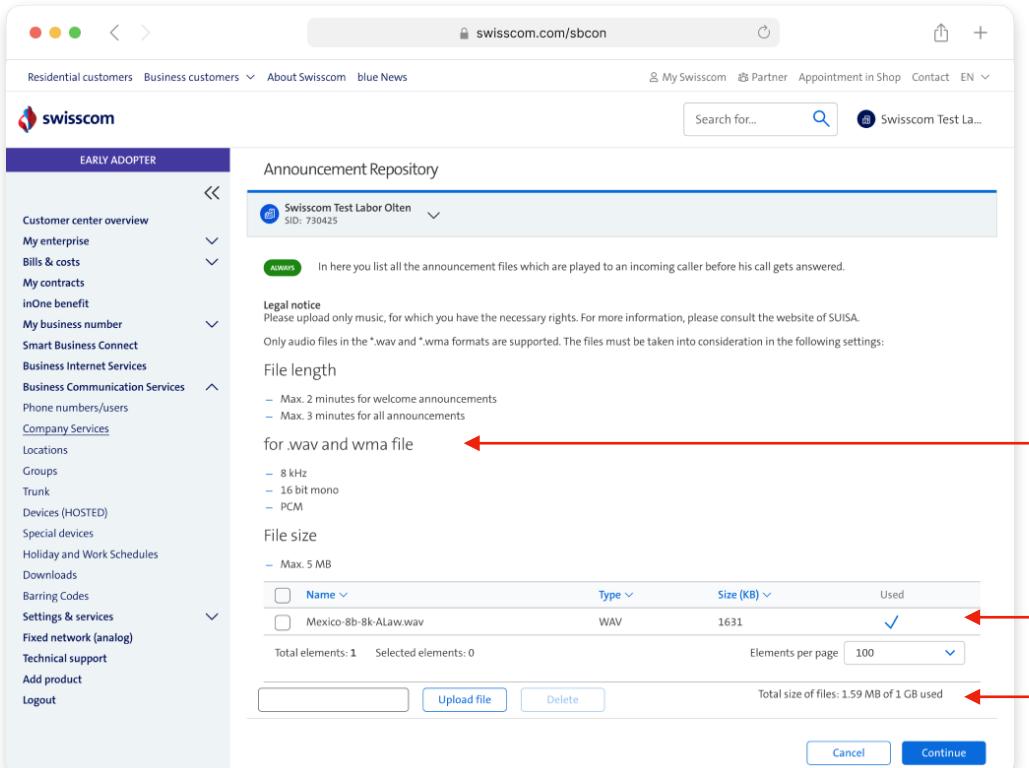
5. We introduced a new view, as some users preferred the classic list view due to readability

# Hosted BPX web portal

## Redesigning the Announcement repository

### Previous version

Compared to phone numbers table, this feature is used infrequently, however it helps with an important user goal: manage announcement files across the entire company. Our usability testing revealed few usability issues:



Name	Type	Size (KB)	Used
Mexico-8b-8k-ALaw.wav	WAV	1631	<input checked="" type="checkbox"/>

Total elements: 1 Selected elements: 0 Elements per page: 100 Total size of files: 1.59 MB of 1 GB used

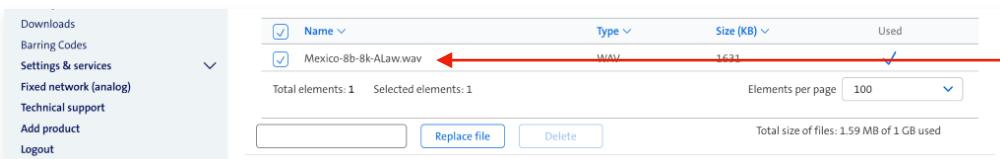
Cancel Continue Replace file Delete

Legal notice and information about file requirements are taking up too much space. The most important part, where users manage the files is at the bottom of the screen.

We learned that users want to download the announcement files to reuse them for other companies or they wanted to have a backup. This was not possible.

The site displays 3 different file units (kB, MB, GB) which is confusing for users.

When an announcement file is used in several places and if it needs to be updated, the replace feature can simplify this task. However most of the users did not know about it as it is hidden.



Name	Type	Size (KB)	Used
Mexico-8b-8k-ALaw.wav	WAV	1631	<input checked="" type="checkbox"/>

Total elements: 1 Selected elements: 1 Elements per page: 100 Total size of files: 1.59 MB of 1 GB used

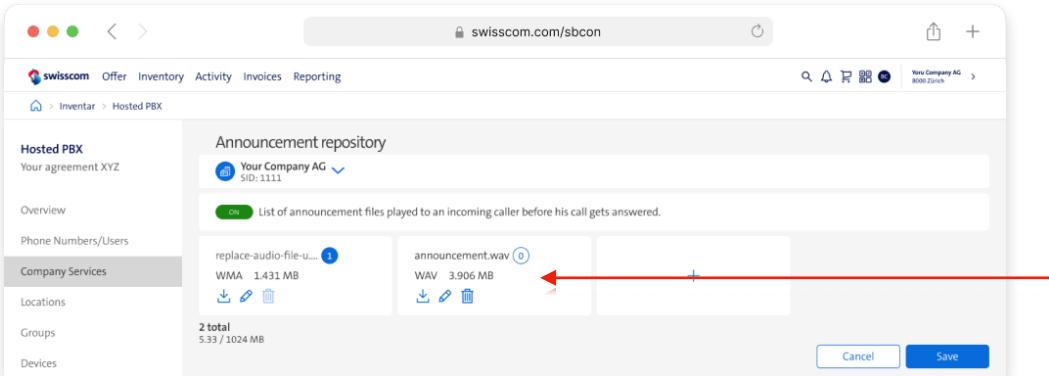
Replace file Delete

# Hosted BPX web portal

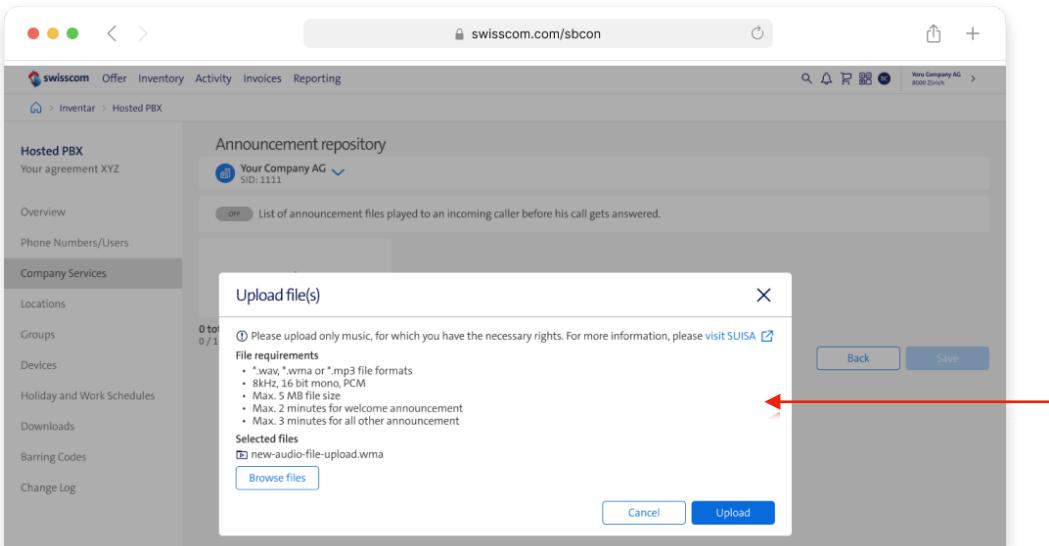
## Redesigning the Announcement repository

### Final version

Apart from improving the feature usability, we wanted to make it more modern, therefore we experimented with a new layouts and we settled with the card layout:



The screenshot shows the 'Announcement repository' card. It displays a list of files: 'replace-audio-file-u...' (WMA, 1.431 MB) and 'announcement.wav' (WAV, 3.906 MB). A red arrow points to the 'announcement.wav' entry, which includes a small badge with the number '3'. Below the list, it says '2 total 5.33 / 1024 MB'. At the bottom right are 'Cancel' and 'Save' buttons.



The screenshot shows a 'Upload file(s)' modal. It contains instructions: 'Please upload only music, for which you have the necessary rights. For more information, please visit SUISA.' Below this is a 'File requirements' section with a bulleted list: '\* wav, \*wma or \*mp3 file formats, 8kHz, 16 bit mono, PCM, Max. 5 MB file size, Max. 2 minutes for welcome announcement, Max. 3 minutes for all other announcement'. Underneath is a 'Selected files' section showing 'new-audio-file-upload.wma'. At the bottom are 'Cancel', 'Upload', and 'Back' buttons.

### Results

Using the pencil icon to replace the file is not the best solution, but from all the alternatives this one worked the best.

Card layout works in this context, because our target clients have low number of announcement files (3-4).

Only single file unit is used

User can download, replace and delete announcements.

Based on user feedback, we extended the usage information. The badge shows how many times and where the announcement is used.

We moved legal and file requirements related information into a modal, right before the upload happens.

# Hosted BPX web portal

## Conclusion

At the time of writing this documentation, all use cases have been designed, and the project is currently in development. We have received positive feedback not only from the product owner but also from customer care and our early adopter user group.

To enhance collaboration, we conducted two full-day design thinking workshops involving business stakeholders and developers, which significantly improved our internal communication.

Moving forward with the project, our next steps include providing support to the development team and formulating new hypotheses that will serve as the foundation for additional features.

# Hosted PBX design system

Feb 2022 - Dec 2023

## Problem statement

To create a consistent experience for business customers, all web applications at Swisscom will be merged into a single portal. The telephone configuration portal called Smart Business Connect (new name: Hosted PBX) was also part of this project and needed to be adapted.

Additionally, the development team required the detailed visualisation of several scenarios, which meant that we needed a way to produce consistent screens fast.

## Project goal

Create a design system which includes new guidelines and consist of reusable elements which align developers.

## Team

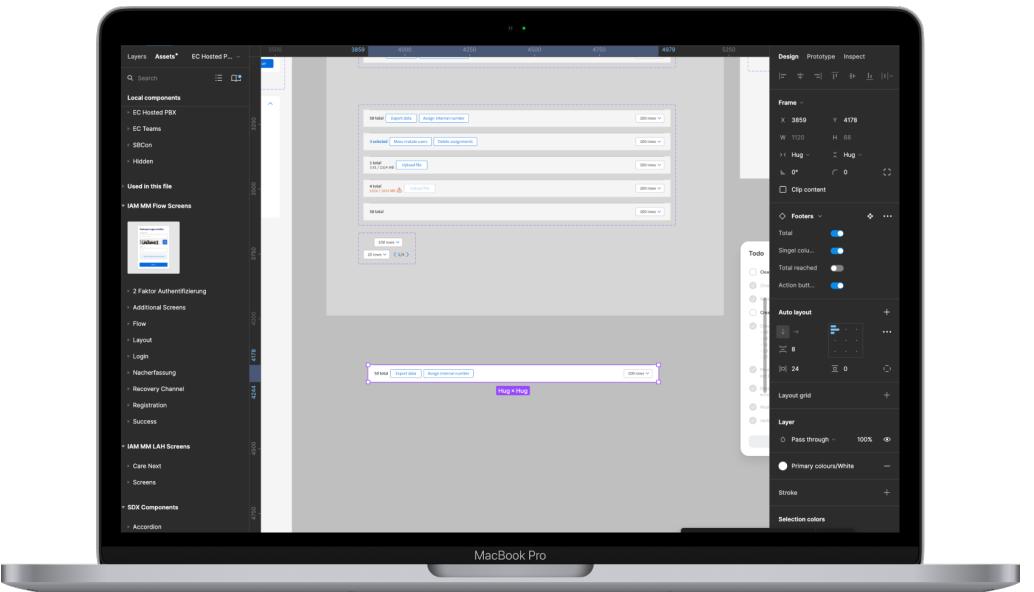
2 UX Designers

## Roles

I worked with another UX designer to create this design system.

## Activities

- Visual design (Figma)
- Interaction design (Figma)
- Prototyping (Figma)
- Usability testing
- IT handover



Designing a reusable footer component with different variants in Figma.

# Hosted PBX design system

## Getting started

### Challenges

The first question was, if we really need this system or can we use the global design system from Swisscom?

The second challenge was, if we create such a system, what should we include there?

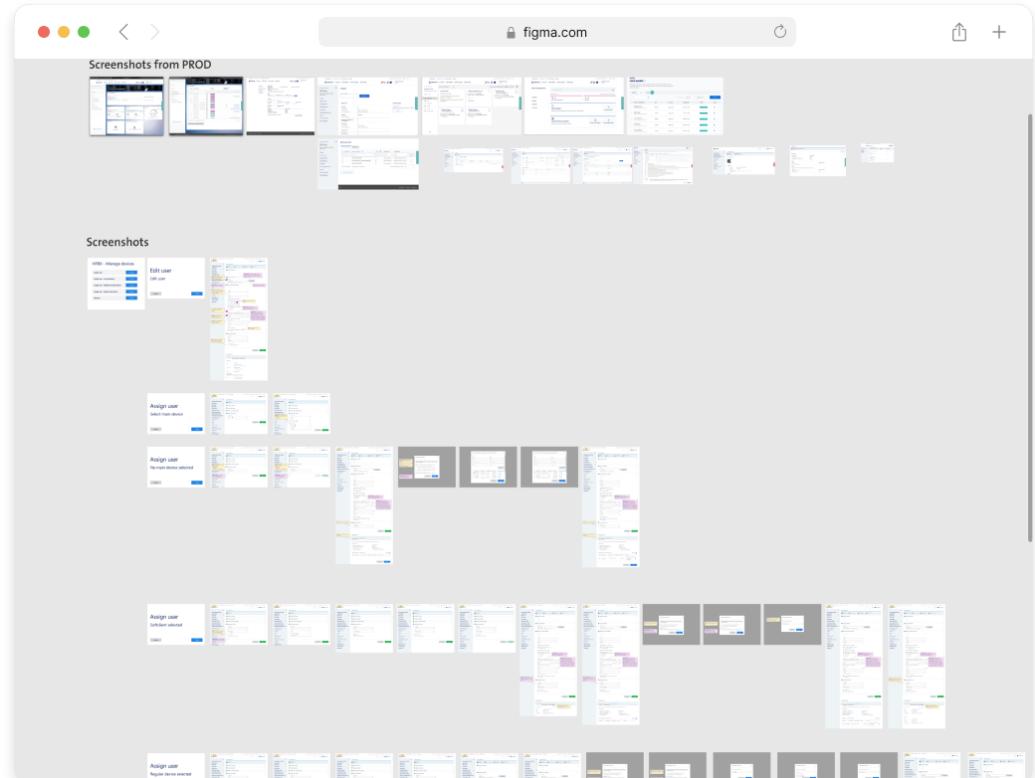
### Proposed solutions

While designing the first use cases, we experimented with the global Swisscom design system. It proved from the beginning that many edge cases not covered and the components were unnecessary complex. The goal of such a system should be productivity and consistency, which was not delivered. We've decided to create our own system.

Regarding the challenge about the content, we have chosen a pragmatic approach. First we audited the current application to note all possible layouts. Then, we redesigned those layouts to fit the new style guide. Lastly, we started to produce controls which were required only for the first use cases.

### Lessons learned

In retrospect it was a good decision to build a better usable system. Thanks to tools like Figma it does not take too much time. The system is flexible, so it is easy to incorporate branding changes.



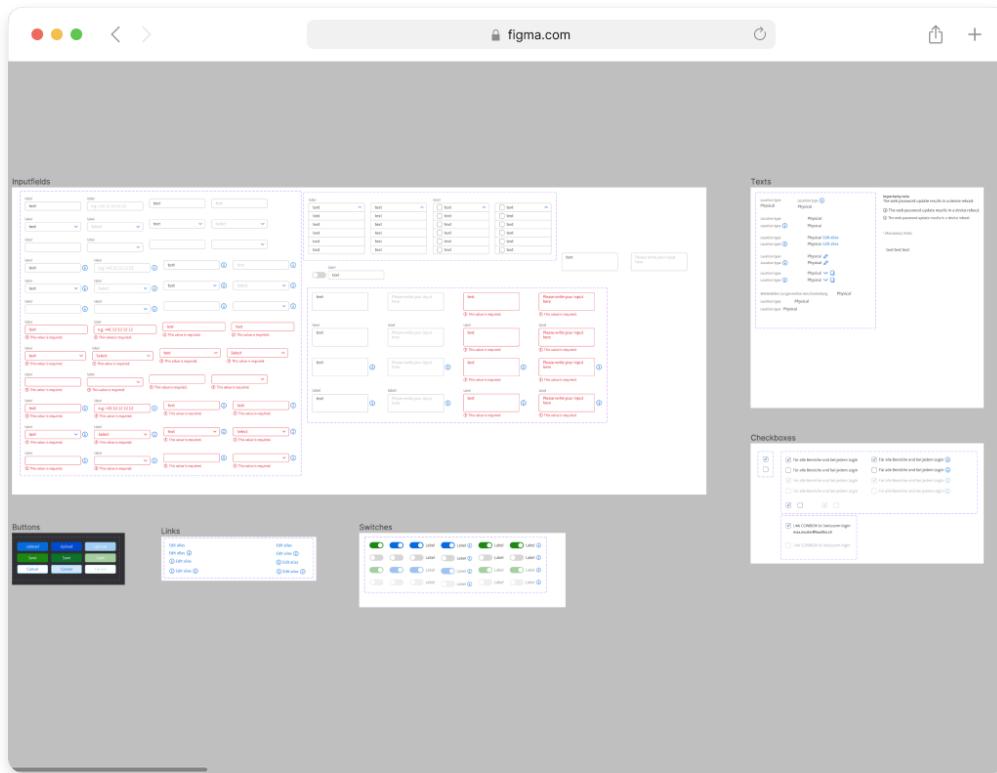
A Figma file with screenshots of current version to identify all high level layouts.

# Hosted PBX design system

## Designing the system

### Creating first component variants

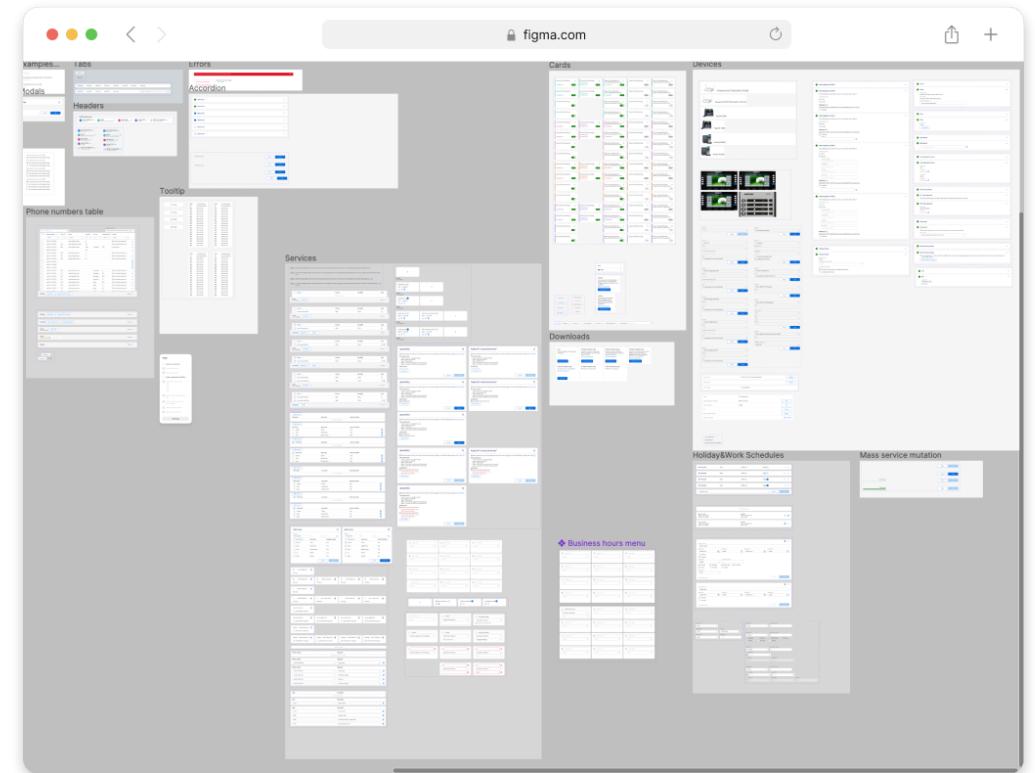
Once we agreed on the common layout styles, we started to produce the first use case designs. As we progressed, we added controls to our system. The very first ones were buttons, text fields, links, checkboxes and other basic controls.



Control component variations in Figma library

### Composing components

Later it became clear, which components are repeated together and therefore they are candidates to be global compositions. We moved from local components into our design system.



Composed components in Figma library

# Hosted PBX design system

## Conclusion

The design system improved our productivity and helped us to collaborate effectively.

We received compliment from the development team, as they can discover all the variations of components in a single place.

Creating variants is essential to test edge cases. We wanted to use this system for all our designs, so we iterated over components and re architected the variants.

Component compositions might look as overkill, however for a multi language application with many scenarios flexibility is a key.

# CSX mobile banking



01.2019 - 06.2020

## Problem statement

The mobile banking app for iOS and Android was a hybrid application with low performance and few features. Because of that, the app had low rating in AppStore as well as PlayStore.

## Goal

Reimagine and design a modern mobile banking experience.

## Team

4 native iOS developers, 3 native Android developers, a business analyst, a scrum master and a product owner.

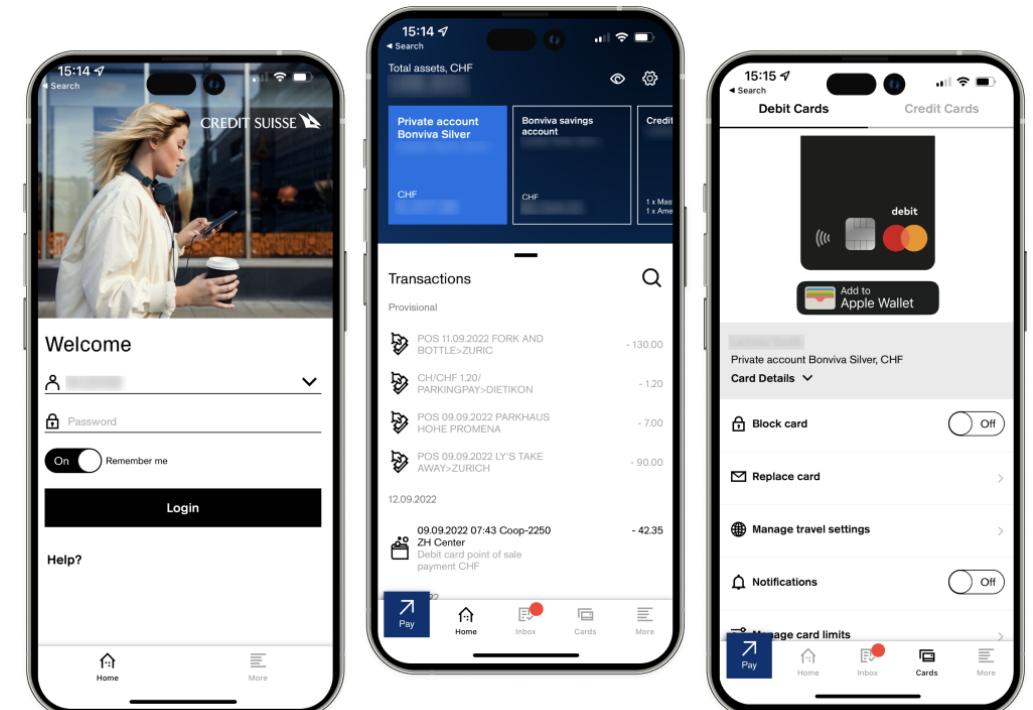
## Roles played

I worked with 2 senior UX designers to research and design the concept.

During the implementation I was integrated into the mobile development team.  
The team was based in Zürich and India.

## Activities

- Wireframing
- Visual design (Sketch)
- Interaction design (Sketch)
- Prototyping (InVision, Origami Studio)
- Focus groups
- Usability testing
- Running design thinking workshops
- Stakeholder management & IT Handover



Final design of the new CSX mobile banking app

# CSX mobile banking

## Getting started

### Challenges

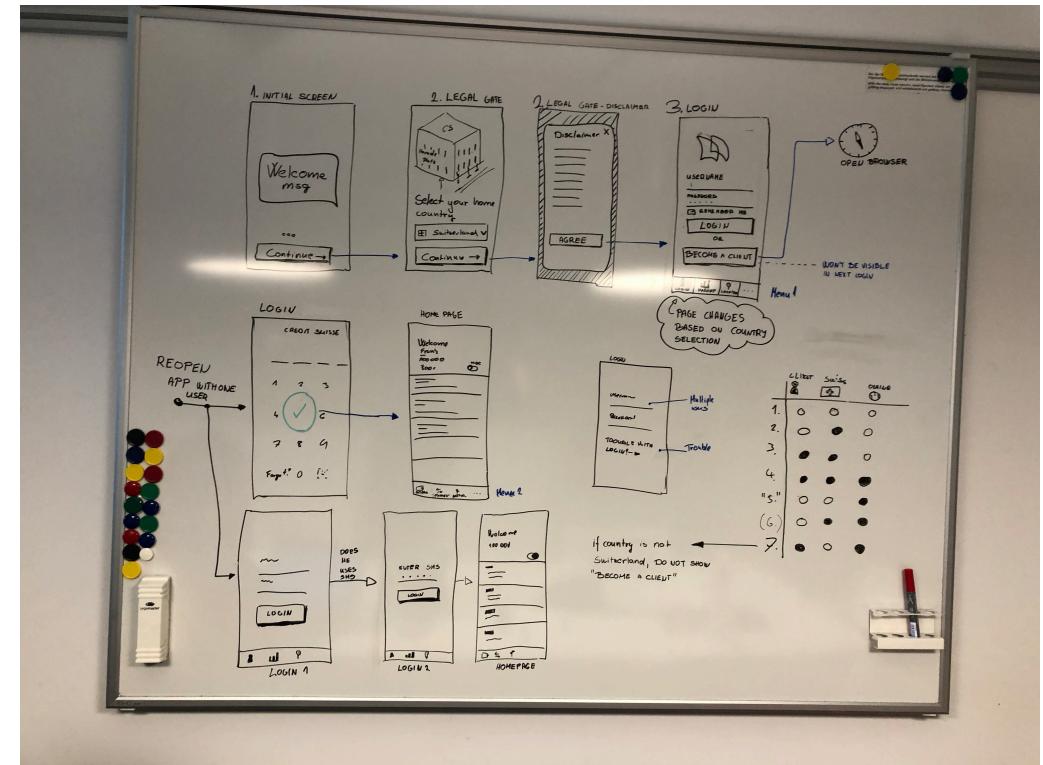
1. The project had a large number of stakeholders with different interests.
2. We had no clear idea about our target audience and their unmet needs.
3. The new concept was constrained by the old backend

### Proposed solutions

1. We invited stakeholders to a series of workshops where they shared and voted for ideas. Those ideas served as the first hypotheses about the app. Later, thanks to the workshops, we created a common vision.
2. To clarify who is our primary audience, we interviewed stakeholders and customer facing colleagues. Also, we checked in the database which customers use mobile banking and what do they have in common. Lastly, we conducted two focus groups. Combining findings from all sources, we were able to define our target user and her most important goals:
  1. Check how much money I have?
  2. What were my latest transactions?
  3. I need to pay this bill.
3. We talked with engineers early to understand what data is available and what are possible changes they can make. Unfortunately, we needed to discard few ideas at the beginning due to technical limitations.

### Lessons learned

The beginning was very chaotic, but we needed to accept this and trust the process. We learned to keep stakeholders in the loop, in exchange they were helping to push the concept further.



Initial scenarios sketched on a workshop with stakeholders

# CSX mobile banking

## Designing the home screen

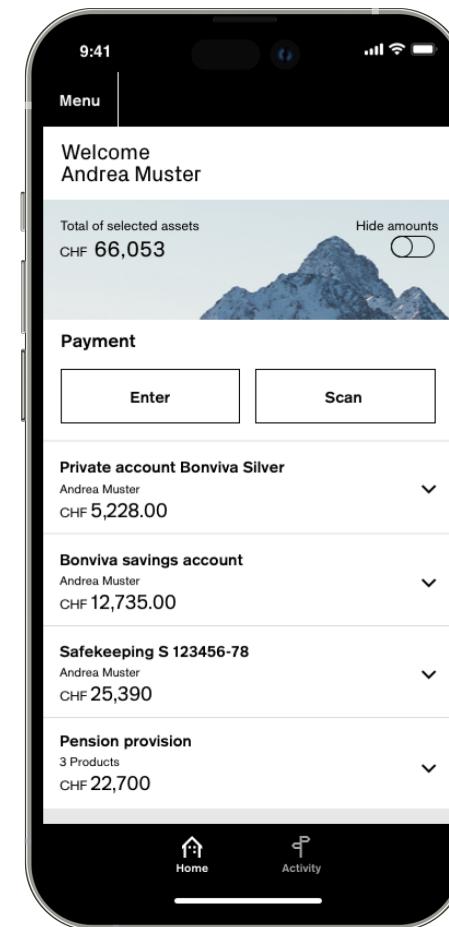
### Previous version

The version before the launch of the new app was a hybrid application, it was a responsive website packed into an app. In certain scenarios this solution can work, however for a mobile banking app competing with many other apps it was not an option.

This hybrid solution had many limitations. There was a delay once the user tapped on the screen. Native bottom navigation could not be used. More modern interaction pattern like swiping were not fluent.

When users wanted to check whether a transaction was made they needed to expand an accordion and go to another page and scroll. Once they navigated back, the whole site reloaded, making the application feel slow.

Apart from performance and usability challenges, there was negative feedback on the branding. For the users the black and white was very sad and depressing.



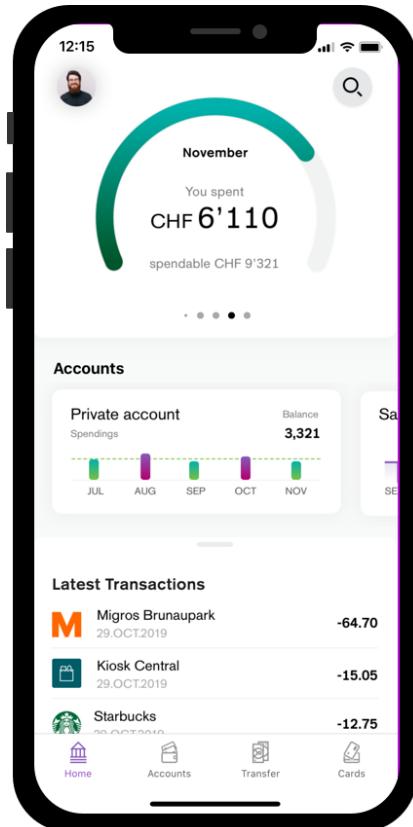
Home screen  
Previous version

# CSX mobile banking

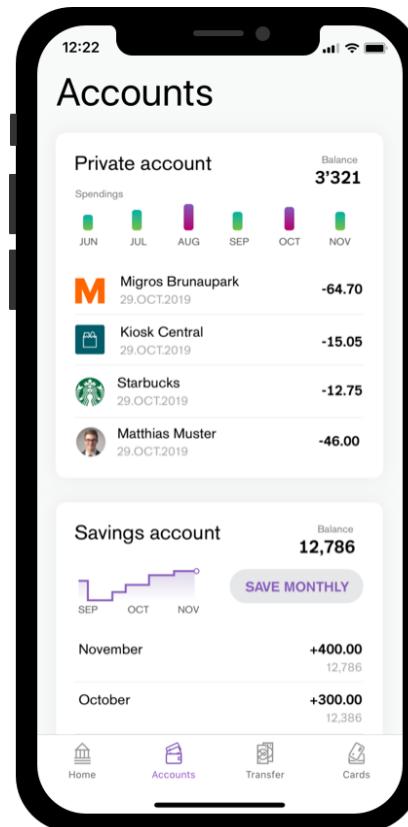
## Designing the home screen

### Early designs

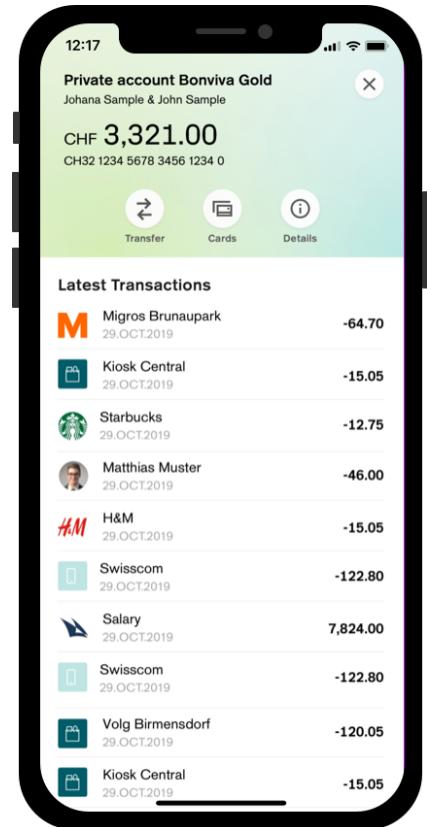
We wanted to set an ambitious vision for the app, therefore we went far away from the current version. The visual language was moderner and brighter. The interactions were fluid, the information kept at minimum.



Home screen  
Early design



Accounts overview  
Early design



Transactions overview  
Early design

### Lessons learned

This concept was made interactive by Origami Studio. It motivated the team and gave them the feeling of working on something great and exceptional. However, we needed adapt the design as the data was missing and the visual design was far from our current branding. Additionally, logos and profile pictures showed legal and technical concerns.

# CSX mobile banking

## Designing the home screen

### Final design

As a result of branding decision blue has became the main colour and it was not allowed to use shadows or border radius. We accepted these constrains and use it to design the final version.

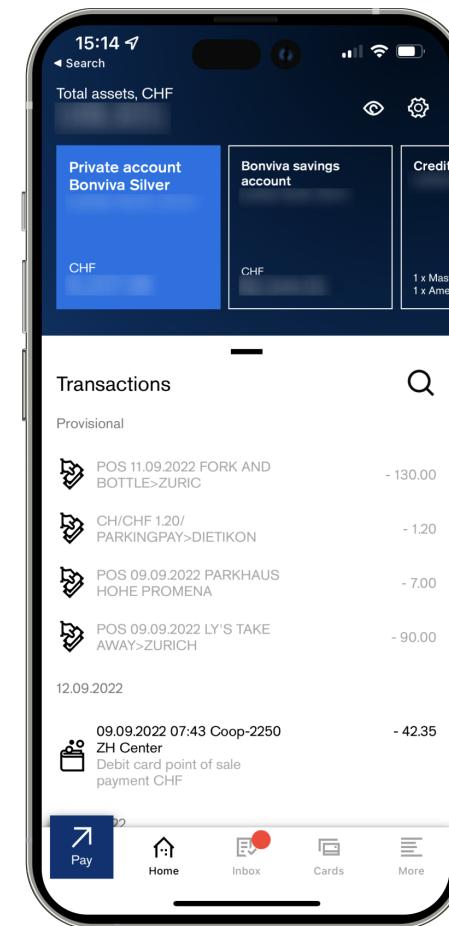
The new home page is native, therefore we could use fluent swipe gestures to speed up user navigation. For example, the user can quickly scroll horizontally to check how much money she or he has on her or his accounts. Other example is swiping up the transactions list and continue scrolling. This pattern was borrowed from Apple and Google Maps.

In summary, the top section of the home page answers the question: how much money I have? The middle section helps to find a transaction made or received. Finally, at the bottom we placed actions like pay and showing debit and credit cards.

### Conclusion

With the help of Origami Studio we were able to quickly prototype and iterate the mobile interactions and test with target users. We were able to improve the page by bringing the data forward and providing an easy way to browse it.

After production release the app received positive feedback from stakeholders and users.



Home screen  
Final design

# Online payments

Apr 2018 - Jun 2019

## Problem statement

Over 80% of the online banking usage is related to payments. However, this module faced the several challenges:

- Costly maintenance due to two separated portals for private and business clients
- Advanced features like recurring payments and templates were not used
- High number of unsubmitted payments, which caused delayed payments
- High number of duplicate payments, which resulted in a loss of client's money
- Above average support calls related to payment issues

## Project goal

Provide for private and business clients a unified and improved experience.  
Resolve the above mentioned major usability issues.

## Team

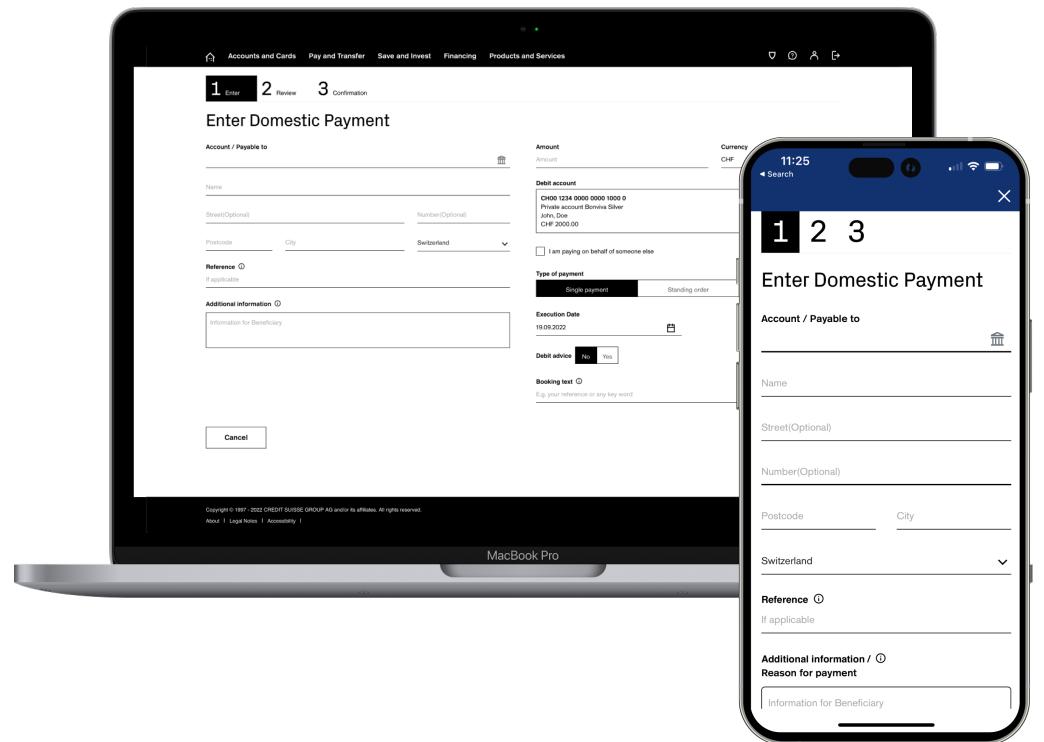
Developers (on-, offshore), business analysts, product owner, scrum master, product managers and customer support.

## Roles

As a lead UX designer I was responsible for the overall payments experience.

## Activities

- Interaction design (Sketch)
- Prototyping (InVision)
- Usability testing
- Running design thinking workshops



Final version of domestic payment on desktop and mobile.

# Online payments

## Getting started

### Challenges

The two payments portals for private and business users, have evolved over the years and we noticed a change resistance from the product team side.

The first challenge was to understand the stakeholders' view.

Secondly, we needed to bring all private and business stakeholders together and build a common vision for the new payments module.



Whiteboard sketches from design thinking workshops.  
We were merging private and business client layout into one.

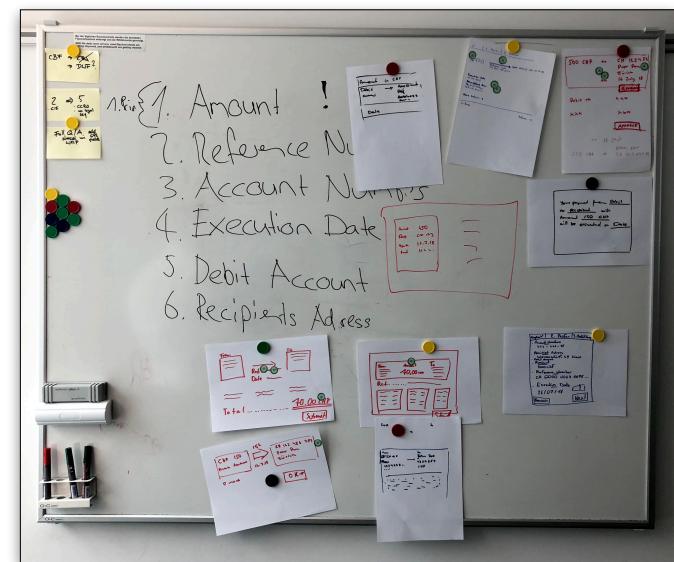
### Proposed solution

We conducted interviews with stakeholders and knowledge transfer sessions with a subject matter expert. Then, we created a list of features which they want to keep and the features they are open to change.

Later, we run a series of design thinkings workshops to build a vision.

### Lessons learned

To fulfil every stakeholder's requirement is difficult. Workshops helped us to align everyone, additionally we created the “we are in this together” mindset, which improved our collaboration.



Whiteboard sketches from design thinking workshops.  
We defined the information architecture for the payment review page.

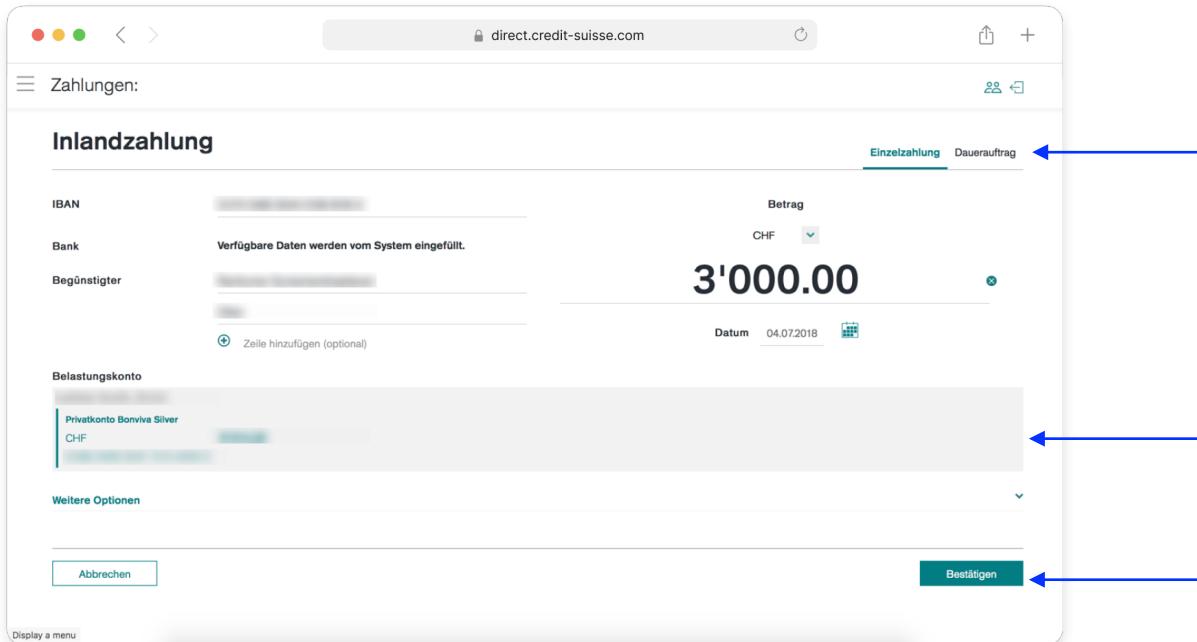
# Online payments

## Designing the payment entry flows

### Previous version

After the research phase, we started preparing designs for payment entry flows of domestic, international, red, orange and later QR payments.

From production database, stakeholders and customer support we learned about existing pain points of the current solution:



The screenshot shows a web-based payment entry form for a domestic transfer. At the top, there are tabs for 'Einzelzahlung' (selected) and 'Dauerauftrag'. Below this, the payment details are entered: IBAN, Bank (redacted), Begünstigter (redacted), Betrag (Amount) set to CHF 3'000.00, and Datum (Date) set to 04.07.2018. The 'Belastungskonto' (Debit Account) section lists a 'Privatkonto Bonviva Silver CHF' account. At the bottom right is a teal 'Bestätigen' (Confirm) button. Three blue arrows point from the text annotations to specific parts of the interface:

- An arrow points to the 'Dauerauftrag' tab, with the text: "Users did not see the standing order feature."
- An arrow points to the 'Belastungskonto' section, with the text: "The account section wasn't clear enough and clients used the wrong account while making payments."
- An arrow points to the 'Bestätigen' button, with the text: "Duplicate and incomplete payments, as users did not notice the end of payment flow."

Below the screenshot, the text reads:

Domestic payment entry  
Previous version

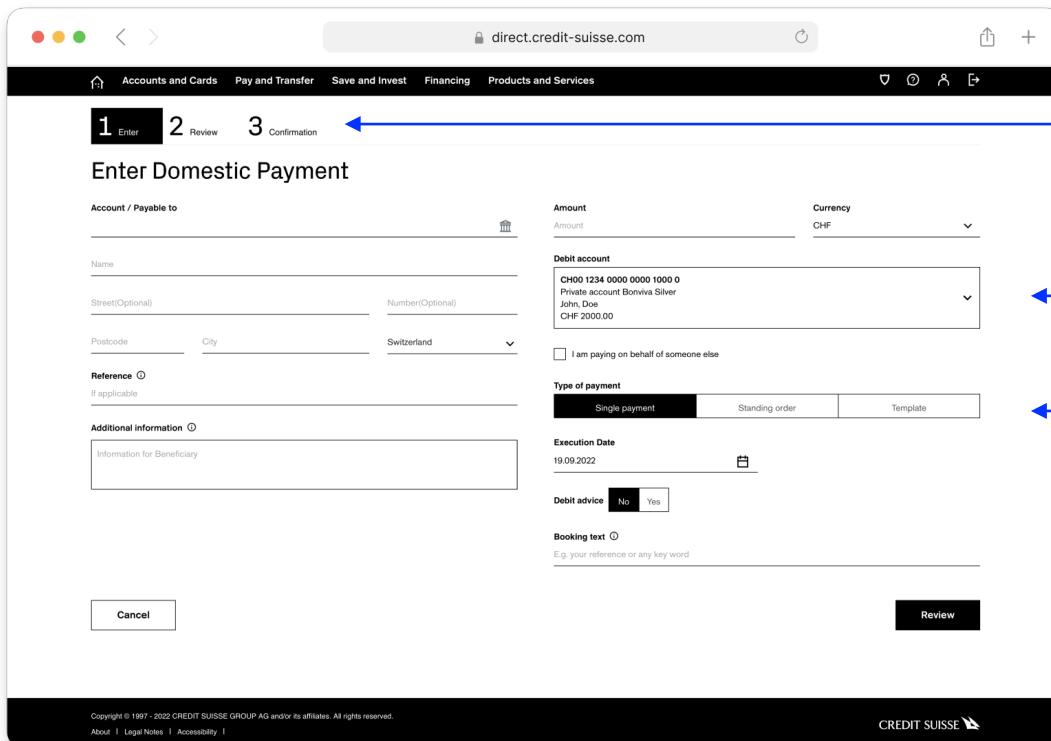
# Online payments

## Designing the payment entry flows

### Final design

We designed the new payment entries using the new corporate brand, which in this case meant changing from turquoise to black.

The entry flows were tested over 16 private and 8 business users.



direct.credit-suisse.com

1 Enter    2 Review    3 Confirmation

Enter Domestic Payment

Account / Payable to

Name \_\_\_\_\_

Street(OPTIONAL) \_\_\_\_\_ Number(OPTIONAL) \_\_\_\_\_

Postcode \_\_\_\_\_ City \_\_\_\_\_ Switzerland \_\_\_\_\_

Reference ⓘ  
If applicable \_\_\_\_\_

Additional Information ⓘ  
Information for Beneficiary \_\_\_\_\_

Amount  
Amount \_\_\_\_\_

Currency CHF

Debit account

CH00 1234 0000 0000 1000 0  
Private account Bonviva Silver  
John, Doe  
CHF 2000.00

I am paying on behalf of someone else

Type of payment

Single payment    Standing order    Template

Execution Date  
19.09.2022

Debit advice

No    Yes

Booking text ⓘ  
E.g. your reference or any key word \_\_\_\_\_

Cancel    Review

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Domestic payment entry  
Final design

### Results

- Hotlines reported decrease in recurring payment related calls.
- Production database showed decrease in double and abandon payments.

Duplicate & incomplete payments were fixed after we introduced a wizard, which helped users to orient and know when payments are submitted

Instead of showing all accounts, we went back to a simple solution, and used a dropdown instead

Standing order was placed at users' blind spot. We integrated it in the screen, close to the execution date

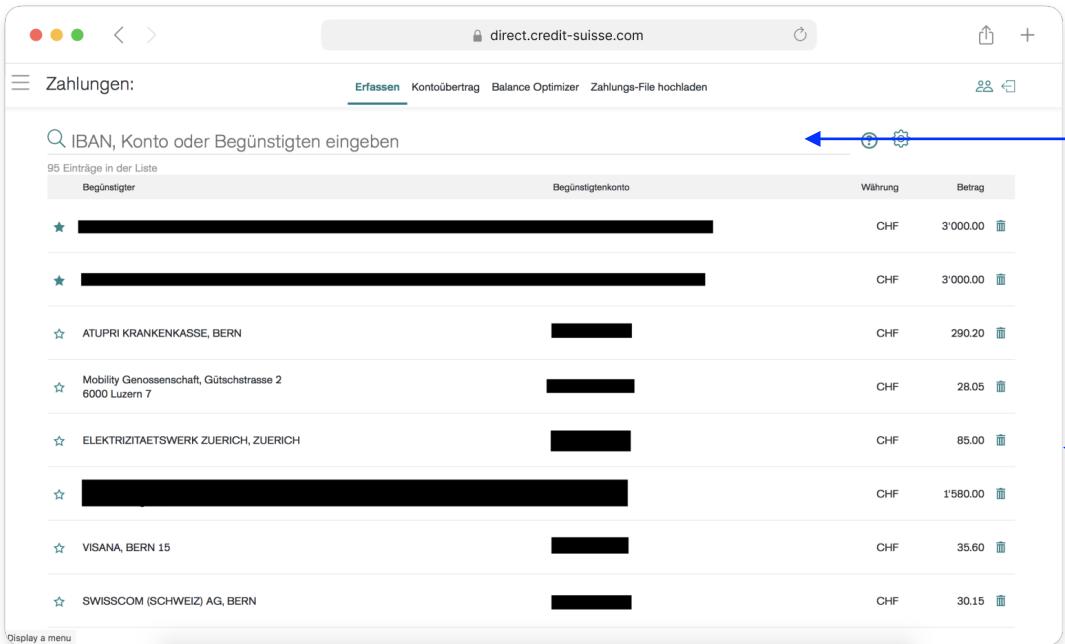
# Online payments

## Designing the assistant

### Previous version

Switzerland has a complex payment system even for private clients. Because of this complexity the bank introduced an assistant to help them.

Unfortunately, this feature brought another layer of confusion. The product team gave up solving this challenge and provided a YouTube video as explanation.



The screenshot shows a web browser window for direct.credit-suisse.com. The page title is "Zahlungen:" and the sub-navigation includes "Erfassen", "Kontoübertrag", "Balance Optimizer", and "Zahlungs-File hochladen". A search bar at the top says "IBAN, Konto oder Begünstigten eingeben". Below it is a table with columns: "Begünstigter", "Begünstigtenkonto", "Währung", and "Betrag". The table lists several entries, each with a star icon and a redacted name. The first entry is "★ [REDACTED]" with a CHF amount of 3'000.00. Other entries include "★ [REDACTED] CHF 3'000.00", "★ ATUPRI KRANKENKASSE, BERN CHF 290.20", "★ Mobility Genossenschaft, Gütschstrasse 2 6000 Luzern 7 CHF 28.05", "★ ELEKTRIZITAETSWERK ZUERICH, ZUERICH CHF 85.00", "★ [REDACTED] CHF 1'580.00", "★ VISANA, BERN 15 CHF 35.60", and "★ SWISSCOM (SCHWEIZ) AG, BERN CHF 30.15". At the bottom left is a link "Display a menu".

The autocomplete for IBANs had many bugs and lead to wrong payment types.

Business users wanted a quick way to select payment type, e.g. international payment.

Business users were missing information from the payment list

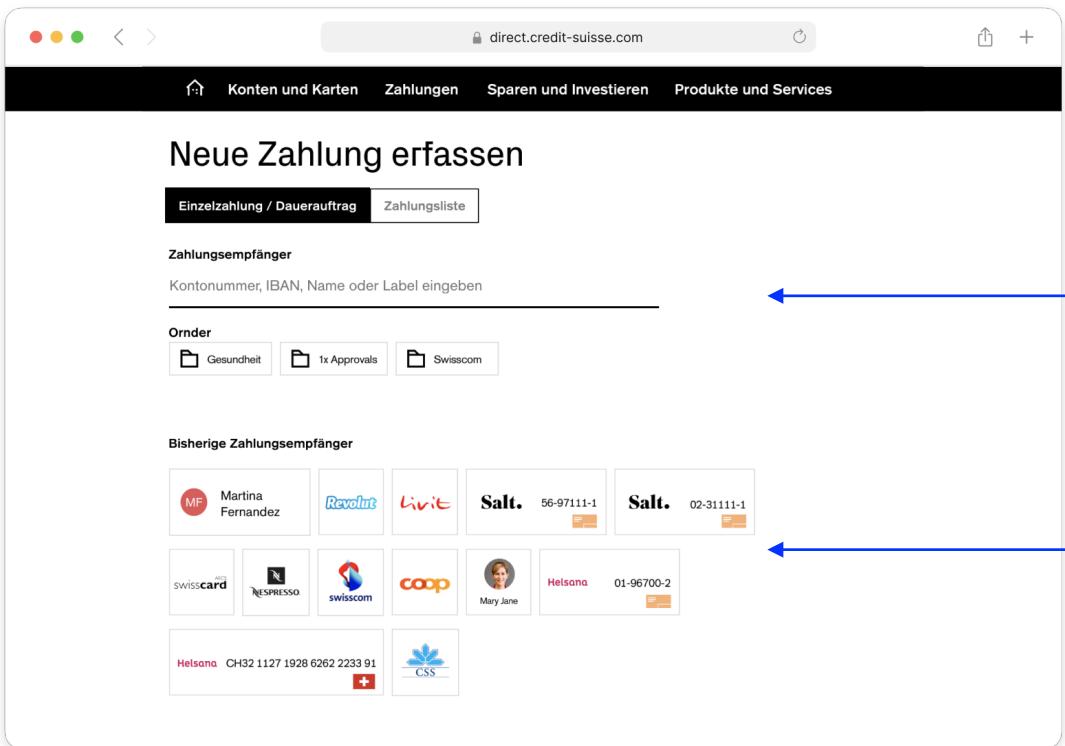
Payment assistant  
Previous version

# Online payments

## Designing the assistant

### Early designs

We wanted to simplify the assistant as much as possible and come up with a very visual concept:



**Neue Zahlung erfassen**

**Zahlungsempfänger**  
Kontonummer, IBAN, Name oder Label eingeben

**Ort**  
 Gesundheit    1x Approvals    Swisscom

**Bisherige Zahlungsempfänger**

	Martina Fernandez			<b>Salt.</b> 56-97111-1	<b>Salt.</b> 02-31111-1
				Mary Jane	
				Helsons 01-96700-2	
			CH32 1127 1928 6262 2233 91		

Payment assistant  
Early designs

### Lessons learned

Payment assistant is used mainly by professional users. It does not mean only business, but also private users. After usability testings and interviews we learned the importance of certain information, which we wanted to erase.

We had also technical limitation with the logos, icons and pictures. We could not use them.

We wanted to show payment types only, when the user selects the input field.

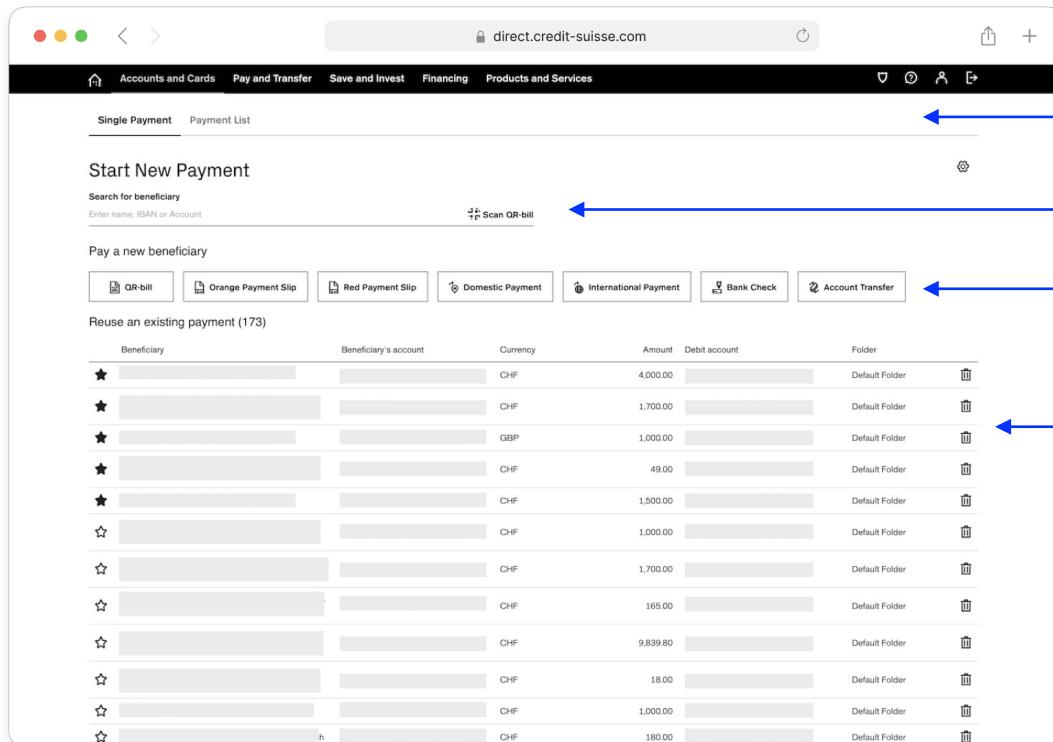
We used logos, icons and images of people to make the assistant more visual.

# Online payments

## Designing the assistant

### Final design

User interviews revealed that we cannot simply distinguish between private and business, instead basic and professional users. This resulted in payment screens with variants for both types. The example below shows the payment assistant final concept for professional users:



The screenshot shows the 'direct.credit-suisse.com' website with the 'Pay and Transfer' tab selected. The main area is titled 'Start New Payment' and includes fields for 'Search for beneficiary' (with an 'Enter name, IBAN or Account' input and a 'Scan QR bill' button) and 'Pay a new beneficiary' (with a row of payment type buttons: QR-bill, Orange Payment Slip, Red Payment Slip, Domestic Payment, International Payment, Bank Check, and Account Transfer). Below these is a section for 'Reuse an existing payment (173)' which lists 173 previous transactions in a table format. Each row in the table contains columns for Beneficiary, Beneficiary's account, Currency, Amount, Debit account, and Folder, along with a delete icon.

Payment assistant  
Final version

### Results

After the release of the new payment assistant we received from customer support and as well from our business clients positive feedback.

User can enter single payment or even a list of payments.

We kept the autocomplete with fixed usability bugs.

All the payment types are now visible

Expanded the list with Beneficiary's account and folder information.

# Banking design system

Jun 2018 - Oct 2021

## Problem statement

The design guidelines provided by the branding team were focused on print and marketing sites. They missed many application related aspects. As a result designers and developers invented their own guides and the application wasn't consistent and had poor usability.

## Project goal

Define a common design language for mobile and web, so that teams become more efficient and they achieve higher level of consistency.

## Team

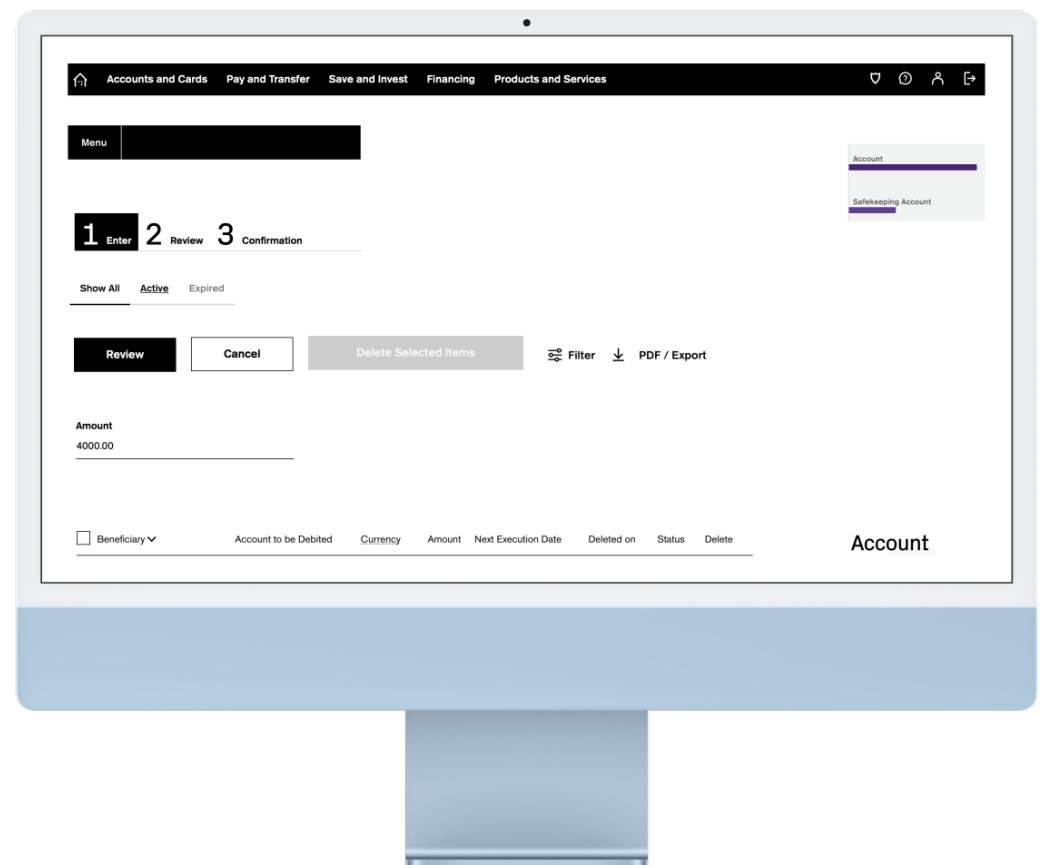
3 developers, 1 brand designer, 2 UX designers

## Roles played

Me and another senior UX designer were responsible to define and approve each part of the design system.

## Activities

- Visual design (Sketch)
- Interaction design (Sketch)
- Usability testing
- IT handover



Initial UI elements in Sketch

# Banking design system

## Getting started

### Challenges

First we needed to find out who everyone will consume this system. Secondly, we wanted to know what format would be the best for them.

### Proposed solution

We organised a kick-off with all the teams working on the web and mobile banking app. These teams were our target audience.

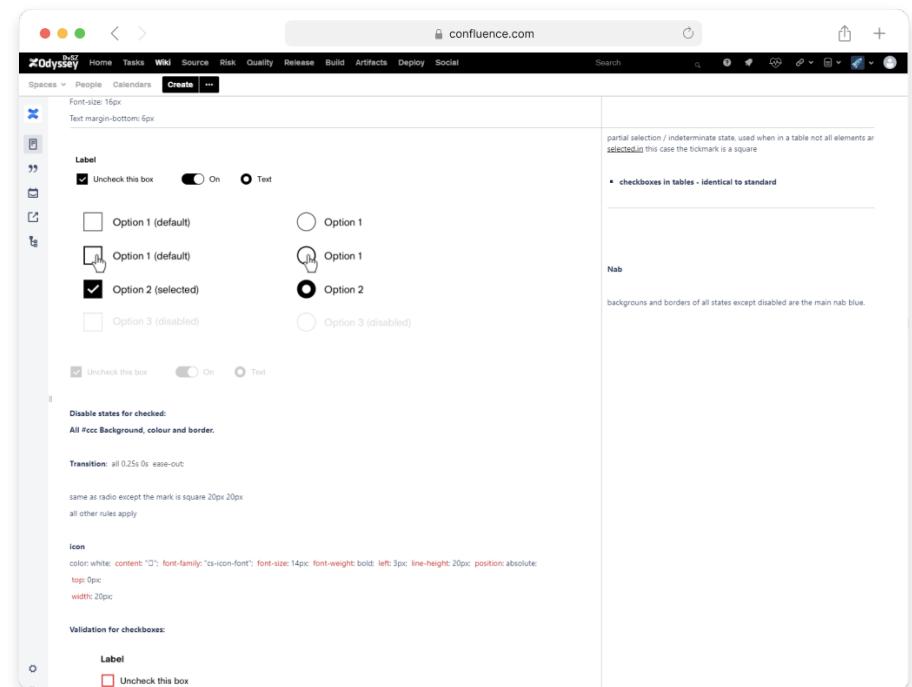
Next, we created the first design system in Confluence. It was a huge design table, consist of categories, sub-categories, print screens and measurements.

Confluence is accessible for everyone, no special permissions were required. At that time it was not possible to share Sketch files, so first we documented only the elements, which were required for the development team.

### Lessons learned

The table was adapted by the teams due to its simplicity and easy of access. But as the content grew, it became difficult to maintain and navigate with in. We knew we needed a better solution.

Using Confluence as an MVP helped us to quickly learn what information is important for the engineers.



First version of the design system  
A table in Confluence

# Banking design system

## Designing the system

### Creating the component library

We learned that our primary users are designers and developers. For designers we built a UI Library in Sketch.

Developers needed interactive examples with code snippets. With the collaboration of another development team, we built a component library. This library was shared as a software package for developers, we wanted that each project integrates it and use it.

To lookup a component with its measures and context of use, we migrated the Confluence table to Frontify. It was easier to update design examples and share additional comments.

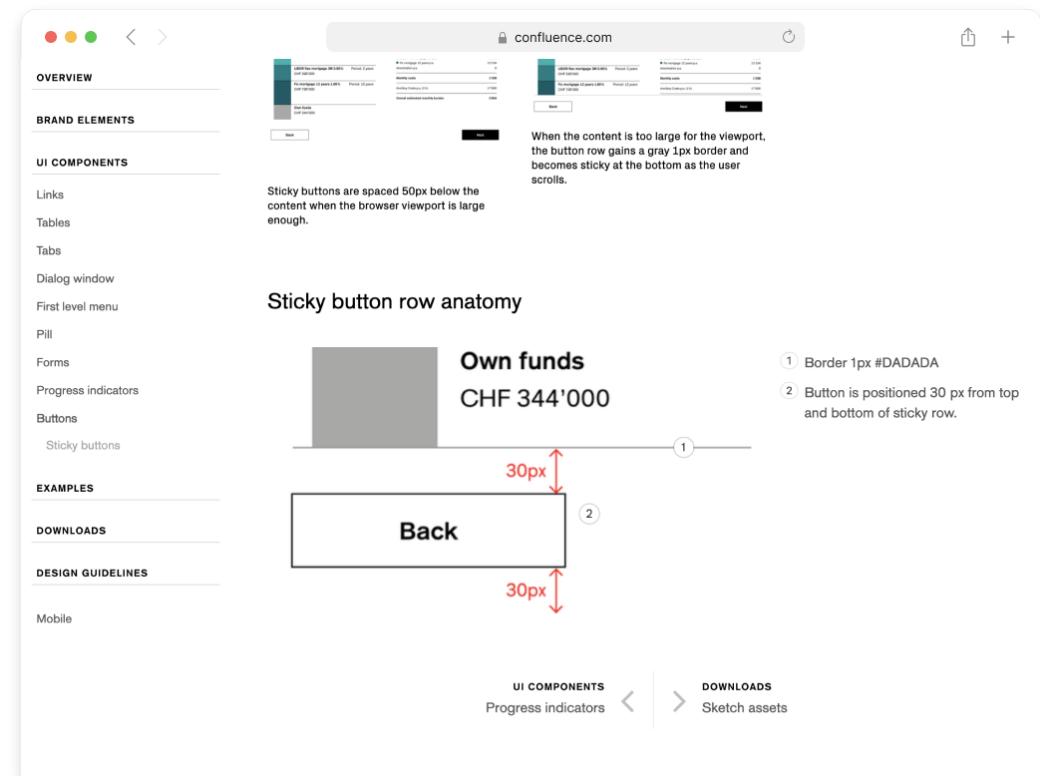
### Lessons learned

SketchApp UI libraries worked for us perfectly. Plus, we found that the interactive UI library benefits not only the developers, but the junior designers as they can observe and study certain interactions.

### Results

The design system has been successfully adapted by the teams. We introduced a weekly meeting to discuss new components and make further improvements. These recurring meetings keep the system up to date and useful.

The online banking supports 4 languages and we lose a lot of time with prototype translations. Therefore the next step is to create a system, which allows designers to quickly prototype in multiple languages.



The design system documented in Frontify.