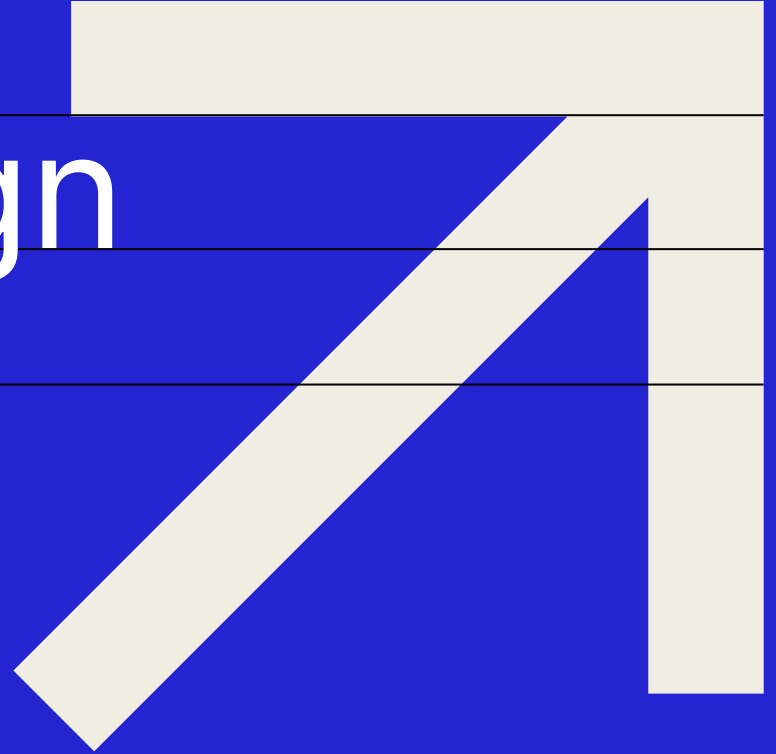


Mislav Hilc Product Design Portfolio



About Me

Name Mislav Hilc

Role Product Designer

About me I am a Product Designer with a technical frontend foundation and knowledge and experience of Product Management. I specialize in transforming chaotic, complex B2B workflows into clean, scalable system logic. Rather than working in an isolated design bubble, I thrive 'in the trenches'—collaborating directly with stakeholders to align business goals and architecting data models alongside engineering teams.

#1 Katalyo: From Fragmented Beta to Enterprise Engine

An abstract graphic on the right side of the slide, consisting of several white geometric shapes: a horizontal bar at the top, a vertical bar on the right, and a diagonal bar crossing from the bottom-left towards the top-right. These shapes overlap to form a stylized, modern design.

The Vision Summary



Subtitle

Solo Product Lead for the 3-year "head-to-toe" redesign and platform migration.

Quick Stats

1 Designer | 2 Developers | Legacy Angular to Modern Vue.js

Role

Solo Product Designer & Solution Architect

The Challenge

Bridging the gap between "out-of-the-box" simplicity and high-level customization for power users.

The Scope

3-Year Lifecycle | Platform Migration | Feature Scoping & PM.

Constraint-Driven Design

The "Why?"

The Situation

Early-stage startup with scarce resources and only two developers.

The Research Strategy

Since external user data was limited, I utilized our own in-house builds as "power-user" test cases.

The Pivot

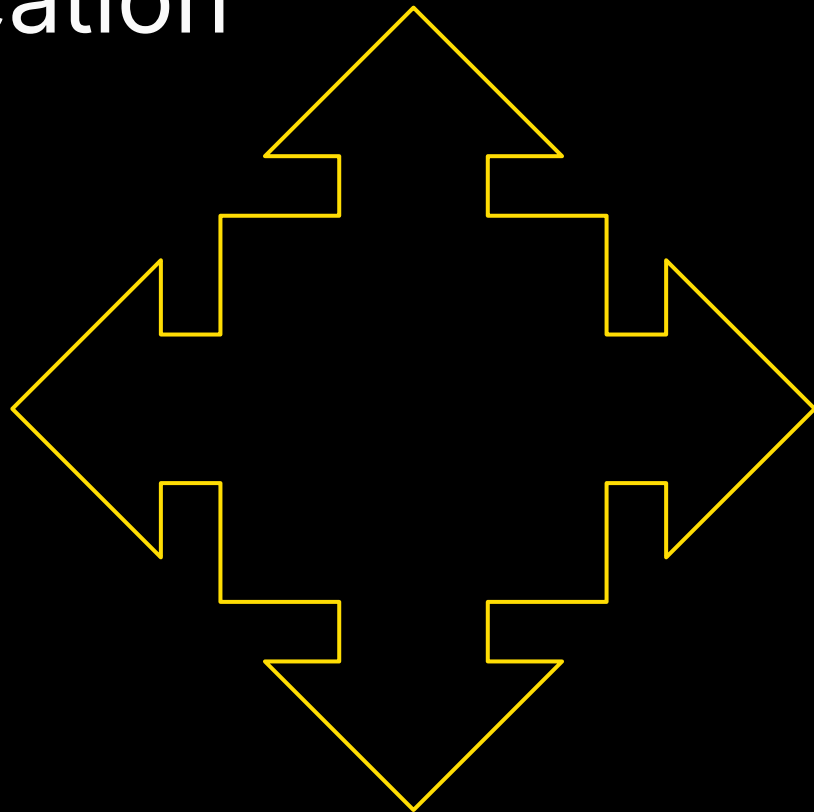
We used "frustration-led design"—identifying repetitive tasks in our own builds to justify major architectural changes.



Architectural Simplification

The "Task" Module

- What I did** Completely removed the "Task" resource and consolidated page-building widgets.
- Why** I identified that the task management overhead was a legacy bottleneck that wasn't being utilized in final apps.
- How** I re-mapped the resource logic to allow widget placement directly on the "Page" resource.
- Result** Eliminated unnecessary resource creation steps, significantly cleaning up the platform's resource map.



Katalyo Home page Resources page Vozni park Moj automobil Mislav Hilc Settings

Task

To build task, drag & drop components from toolbox below

- Layout
 - Layout container
 - Header
- Dataset
 - Dataset list
 - Add dataset record
 - Update dataset record
 - View dataset record
- File
 - Files list
 - Upload file
- Task execution
 - Initiate task widget
 - Execute task widget
 - Task container
 - Action buttons
 - Task message
- Notification

Design form Permissions Assign task Task actions

Input data form >> Task form

ENABLED

Preview **Ctrl+P** Build **Ctrl+B** Arrange layout Close Save form

Layout column

DROP HERE

Properties

Legacy Task resource contained two forms and a whole overhead of a task management. This was simply not being used at all. Only Task Form was used, which was essentially in all our cases a Page form.

Katalyo Home page Resources page Vozni park Moj automobil Mislav Hilc Settings

< Return to resources DesignTestPage

Page layout Page info Security & permissions Save page layout

Number of rows 1 Grid gaps between rows 50
Number of columns 1 Grid gaps between columns 50

Grid preview

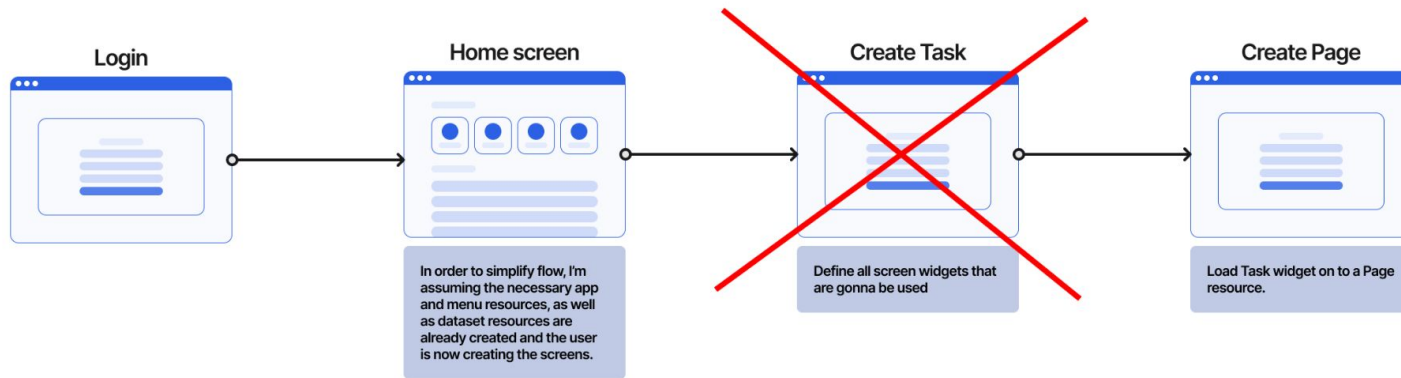
Navigation bar Side menu

Layout box 1
Select task DesignTestTask

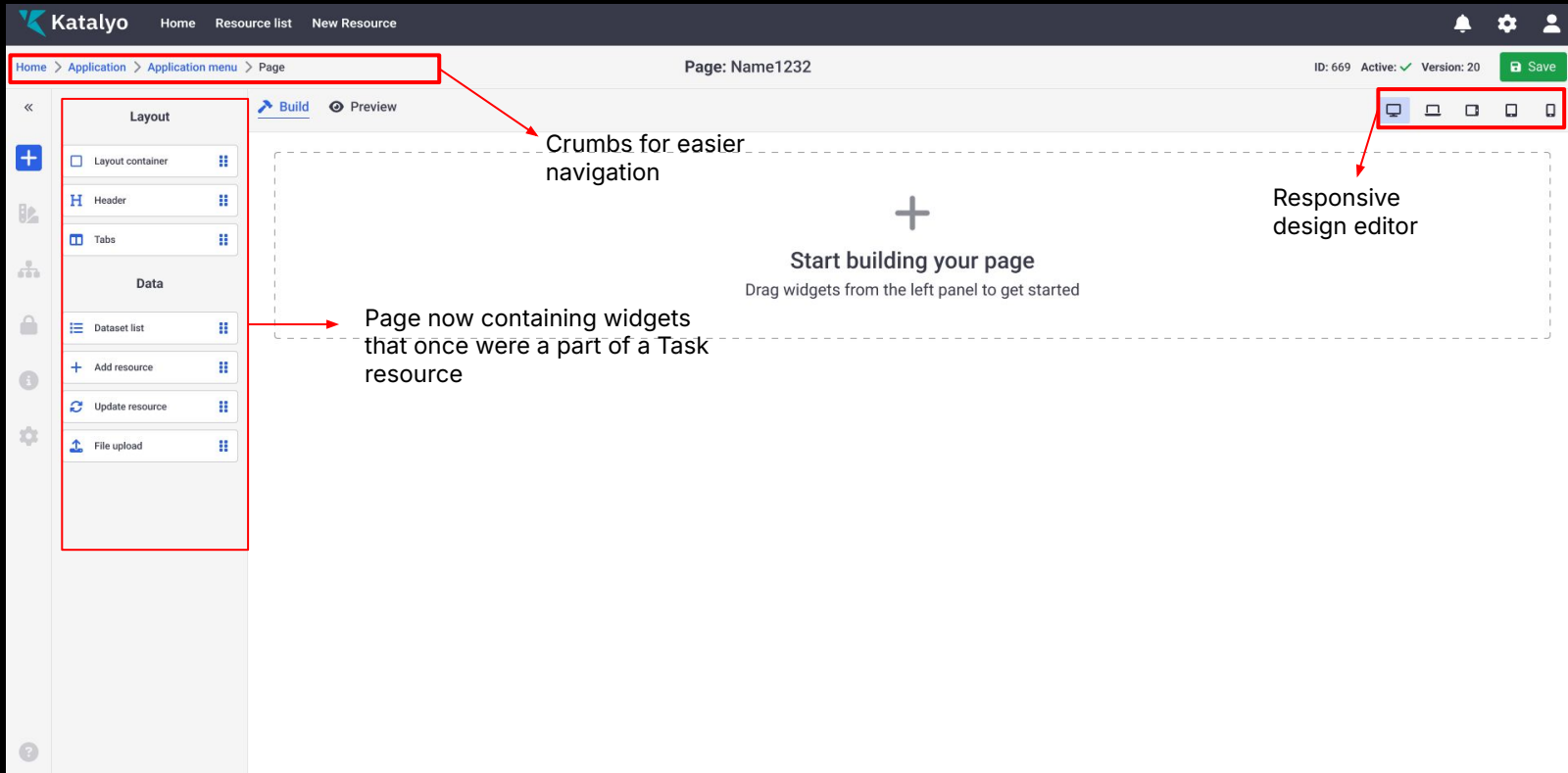
Position
Start from row 1
Start from column 1

Size
Horizontal size 1
Vertical size 1

Page would simply load a Task resource. This meant every time someone wanted to create a simple Page they had to create a Task. This might not seem like a big problem if you do it once, but considering this would be done 10, 50, 100, or even more times for every app built, the scale of wasted time and resources was much bigger. Considering the Task tools weren't being used, the best solution forward was dropping the Task resource altogether.



Now this is a very simplified flow, as user would actually do a lot of actions while defining the Task resource, user would also create a bunch of other resources that would require a bunch of different actions themselves when creating and editing. So this is not even remotely the whole flow of creating an app on the platform. The point is there is an unnecessary step, that added both wasted time and energy for a user, as well as a waste of storage resource since extra resource was needed to be made for each screen. This meant for 50 screens you'd create 50 unnecessary resources, both wasting time and storage. With Task removed out of the equation, and Page redesigned, the flow simplified significantly, especially once we repeat this part of process in flow 10s of times.

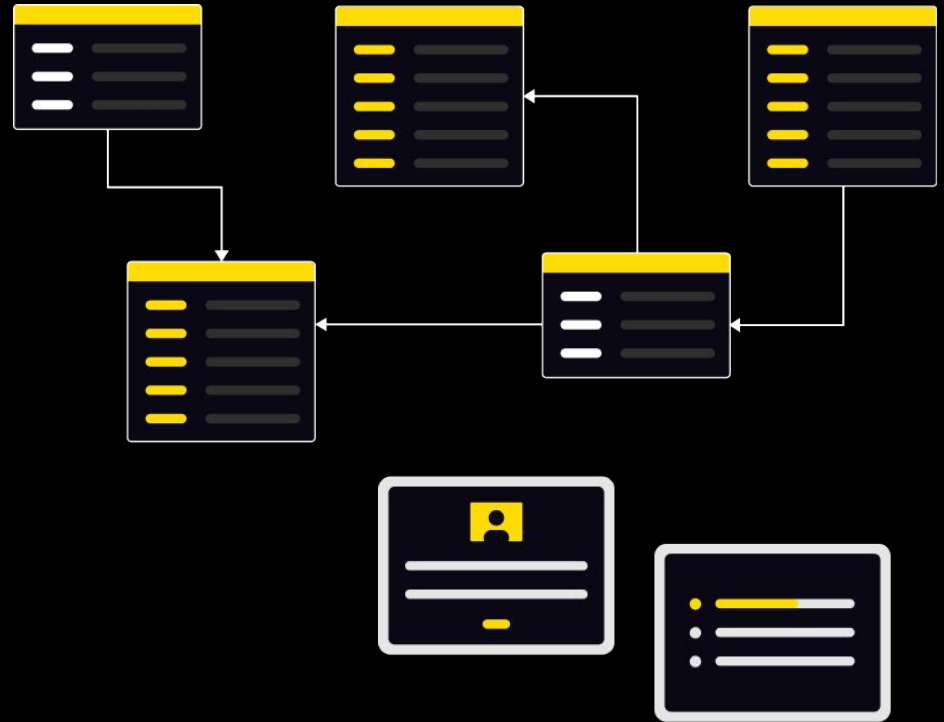


Redesigned UI of a Page resource for Vue.js version of platform.

Data-Form Decoupling

How & Result

- Focus** Separating Dataset definitions from Forms
- Problem** Legacy binding made forms non-reusable and version-locked, causing repetitive manual work
- What I did** Separated the "Dataset" definition from "Form" creation
- Why** In the old system, forms were version-locked to datasets, making them non-reusable and forcing users to rebuild forms from scratch for every page
- Result** A major reduction in time expenditure; users could now reuse form logic across multiple screens without manual repetition



To build dataset drag & drop components from toolbox

Layout

- Layout container

Database

- Text
- List
- Yes / No
- Number
- Date
- Time
- User
- Group
- Rich textbox
- Dataset
- File

Form

- Label

DATASET Active Not published **DesignTestDataset2** Created: 11.07.2022 at 12:51:01

DATA SOURCE DEFINITION

External data source?

Link to external data source

External resource

Create data source?

Save data source

DATASET PROPERTIES

Name: DesignTestDataset2

Dataset status: Search or select status...

Immutable (secured on the blockchain)

Subject: DesignTestDataset2

Description: DesignTestDataset2

Select dataset administrators

Admin users: Mislav Hilc - mislav (17)

Admin groups:

Save properties

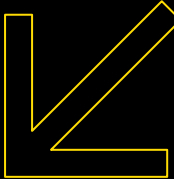
FORM DEFINITION

Build **Ctrl+B** **Arrange layout** **Preview** **Ctrl+P** **Save Changes** **Publish**

Layout column

Record id

Enter...



Old Dataset editor. User would drag the fields, create the form, and the dataset would mirror database widgets put into the form.

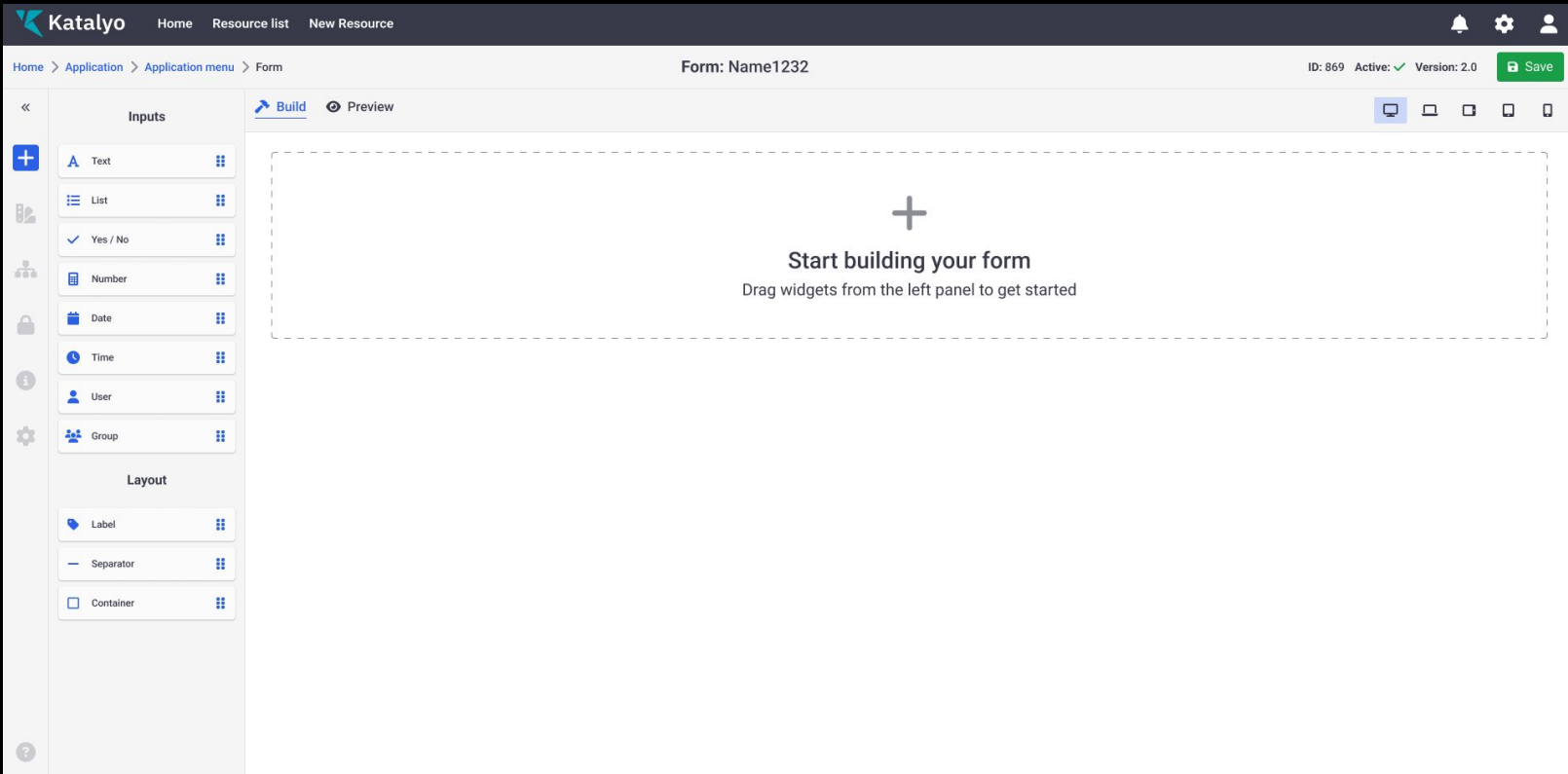


Field name	Field type	Required	Unique	
Placeholder...	Placeholder...	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Placeholder...	Placeholder...	<input type="checkbox"/>	<input type="checkbox"/>	
Placeholder...	Placeholder...	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Placeholder...	Placeholder...	<input type="checkbox"/>	<input type="checkbox"/>	
Placeholder...	Placeholder...	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Placeholder...	Placeholder...	<input type="checkbox"/>	<input type="checkbox"/>	
Placeholder...	Placeholder...	<input type="checkbox"/>	<input type="checkbox"/>	
Placeholder...	Placeholder...	<input type="checkbox"/>	<input type="checkbox"/>	
Placeholder...	Placeholder...	<input type="checkbox"/>	<input type="checkbox"/>	
Placeholder...	Placeholder...	<input type="checkbox"/>	<input type="checkbox"/>	

+ Add field



Dataset now simply storing data about a dataset, and no longer form.



And Form now still keeping that form editor look.

Data-Form Decoupling

How & Result

Problem

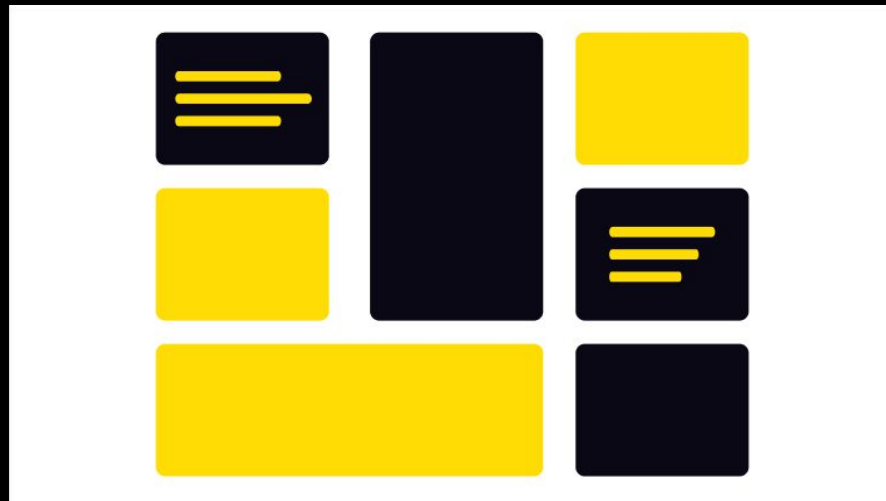
The legacy Bootstrap-based system was visually rigid; creating a 5-column layout or asymmetrical spacing was mathematically impossible without custom CSS

What

During the Vue.js migration, I redesigned the grid engine to remove over-complex nested wrappers that limited responsiveness.

Result

A layout engine that allowed for "white space" and asymmetrical design as a standard feature, not a "hack".



Katalyo Home page Resources page Vozni park Moj automobil Mislav Hilc Settings

To build dataset drag & drop components from toolbox

Layout

- Layout container

Database

- Text
- List
- Yes / No
- Number
- Date
- Time
- User
- Group
- Rich textbox
- Dataset
- File

Form

- Label
- Separator

DATASET
Active Version: 1 Not published

DesignTestDataset

Created: 08.07.2022 at 14:12:45

DATA SOURCE DEFINITION

DATASET PROPERTIES

FORM DEFINITION

Build **Ctrl+B** Arrange layout Preview **Ctrl+P** Save Changes Publish

Layout column

Layout column

DROP HERE

Text
Enter...

List

Yes / No

Number
Enter...

Date
dd/mm/yyyy

Time
--:--

User

Properties
Id: 8686 Type: gcol

BASIC

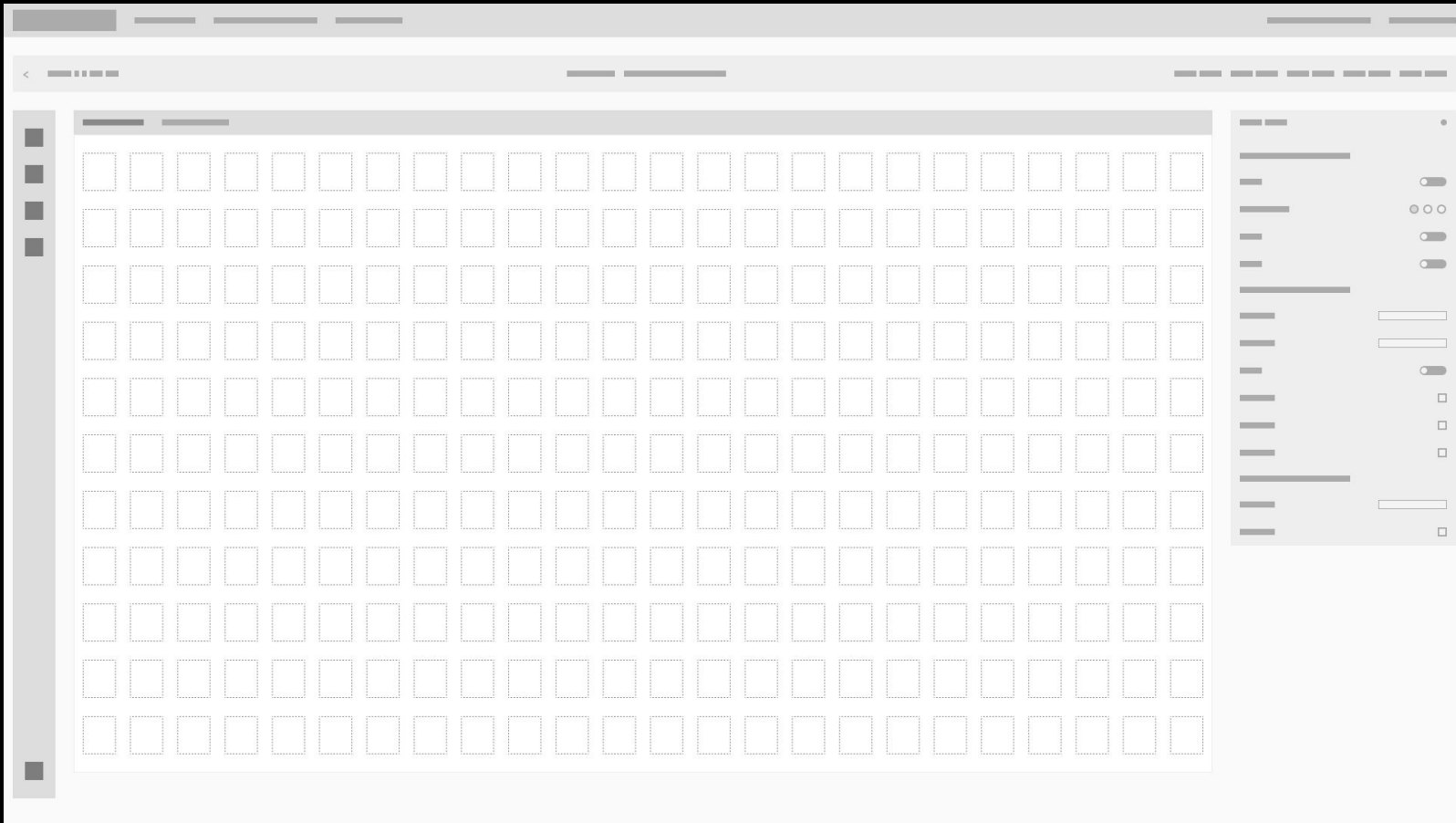
- Show column
- Show header
- Column size 24
- Medium size screen 12
- Small size screen 12
- Extra small size screen 12
- Auto size
- Background color
- Opacity

Delete column

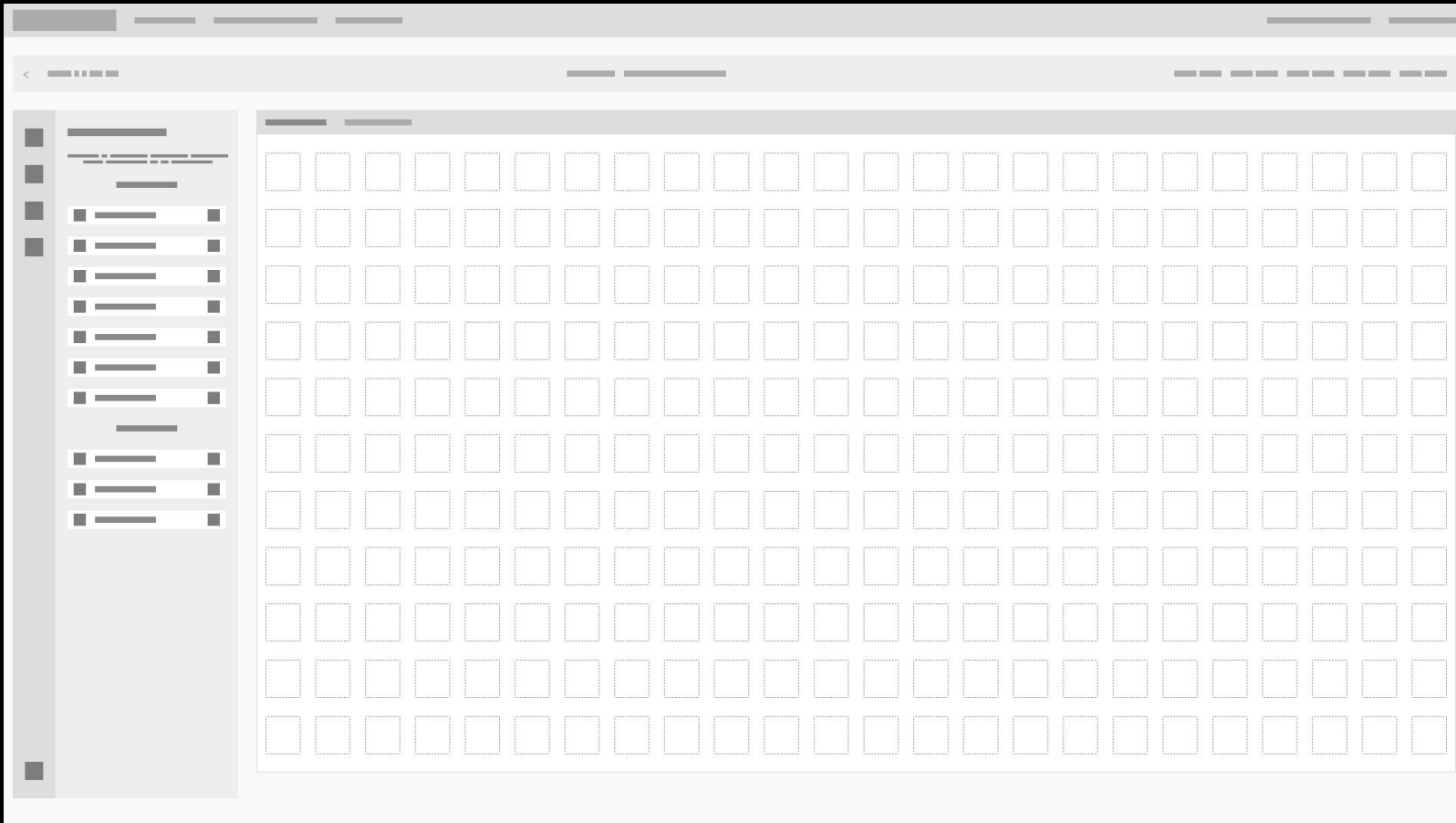
FONTS
Font Units



Old Grid in Dataset resource form editor.



Initial wireframe - grid (form builder) + settings



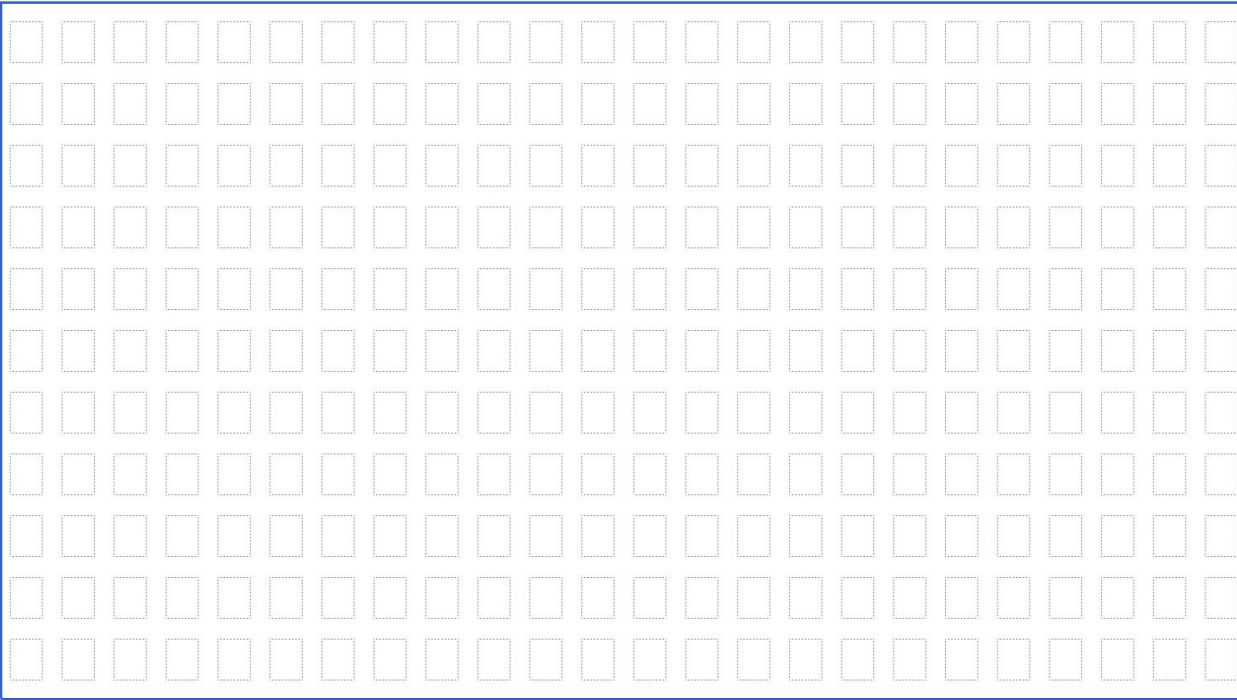
Initial wireframe - widget drawer opened

< Return to resources list

Form: Name1232




ID: 669 Active: Version: 20 Status: Published

+ Build Preview Save Publish




Properties X

Spacing

Gap   

Column gap %

Row gap px

Padding 

Top px

Right px

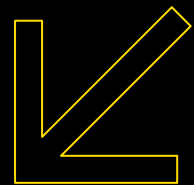
Bottom px

Left px

Layout

Number of columns

Number of rows



Initial mid-fi - grid + properties

< Return to resources list

Form: Name1232

ID: 669 Active: ✓ Version: 20 Status: Published ✓

+ Widgets

- Database
 - Text
 - List
 - Yes / No
 - Number
 - Date
 - Time
 - User
 - Group
 - Database
 - File
- Database
 - Label
 - Separator

Build Preview

Save Publish



Initial mid-fi - widget drawer open

Return to resources list

Dataset: Name1232

ID: 669 Active: ✓ Version: 20 Status: Published ✓

Save Publish



Widgets

Database

- Text
- List
- Yes / No
- Number
- Date
- Time
- User
- Group
- Database
- File

Layout

- Label
- Separator

Label

Placeholder...

Container Properties

Basic Spacing Border

Type

Columns: 4

Container Properties

Basic Spacing Border

Gap: 24

Padding: 24 px

Margin: 12 px

Advanced spacing options:

Container Properties

Basic Spacing Border

Gap: Mixed

Padding: Mixed

Margin: Mixed px

Advanced spacing options:

Container Properties

Basic Sizing Border

Width: 1 px

Color: #004116

Initial hi-fi , worked on color. Moved resource settings into switchable panel on the left, canvas is now more flexible since user can choose all the display settings and sub settings of each display type (block, flex, grid).

Build Preview

Inputs

- Text
- List
- Yes / No
- Number
- Date
- Time
- User
- Group

Layout

- Label
- Separator
- Container

Target	First		
Placeholder...	Placeholder...		
Second			
Placeholder...			
Container			
Placeholder...			
Small 1	Small 2	Small 3	Small 4
Placeholder...	Placeholder...	Placeholder...	Placeholder...
Small 5	Small 6	Small 7	
Placeholder...	Placeholder...	Placeholder...	



Ultimate hi-fi - Added bread crumbs, removed gaps for two reasons (make it clear when something is moveable floatings window like settings, and to gain more space for actual canvas), grid exposes itself when dragging on it but more cleanly now, introduced media queries for screen sizes.

Standardizing the Foundation

The Tactical Blueprint

- What I did** Developed a robust, dual-purpose Visual System "in the trenches"—simultaneously solving live production UX issues rather than designing components in isolation
- Why** The legacy version lacked a centralized style guide, which caused severe visual inconsistency across features and created immense technical debt, as developers had to hard-code a lot of new elements from scratch
- How** Defined color scales, strict typographic hierarchies, and a library of "atomic" tokens and components (inputs, buttons, dropdowns). This library serves a dual purpose: standardizing the platform's internal UI and acting as a white-label base for end-user client applications.
- Result** Ensured strict visual consistency across the entire 3-year platform migration and unlocked plug-and-play component implementation for the development team, cutting frontend deployment times down significantly.





Color Wheel



Primary

Default:



Hover:



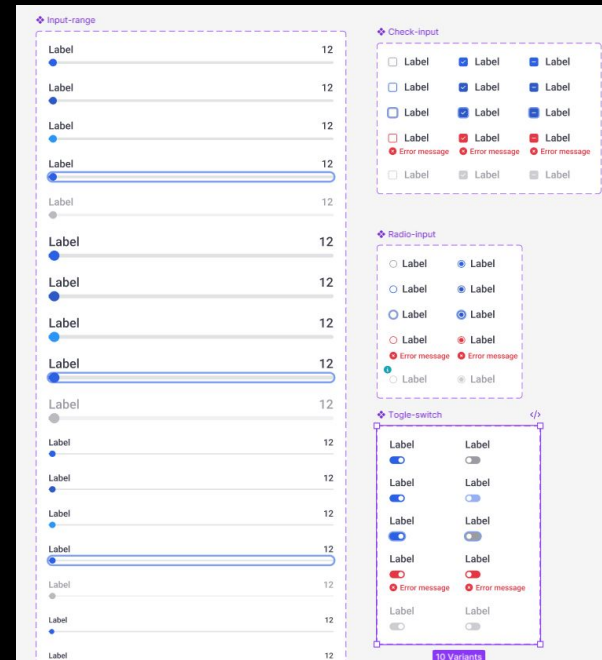
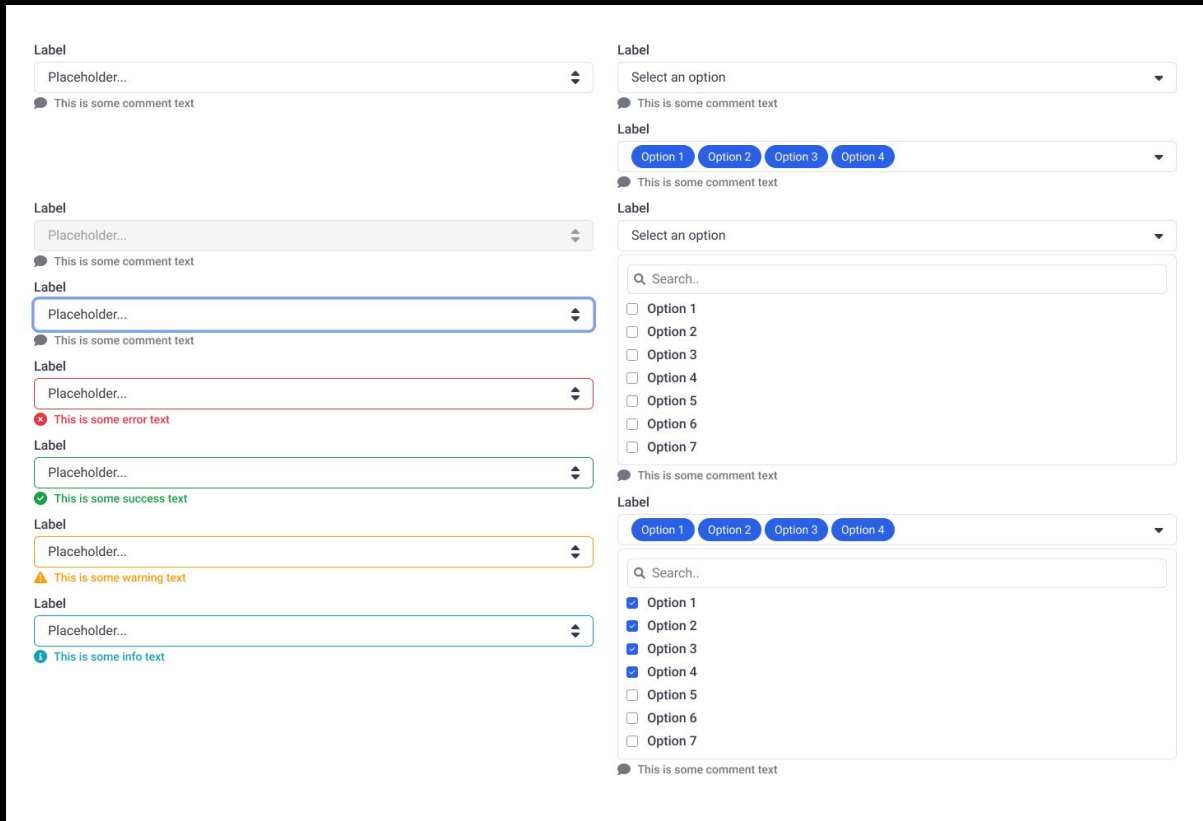
Active:



States

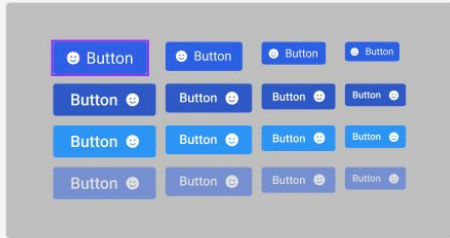


Defined colors and how they change according to a state



Designed inputs (fields, range, radios, checkboxes)

Frame 198



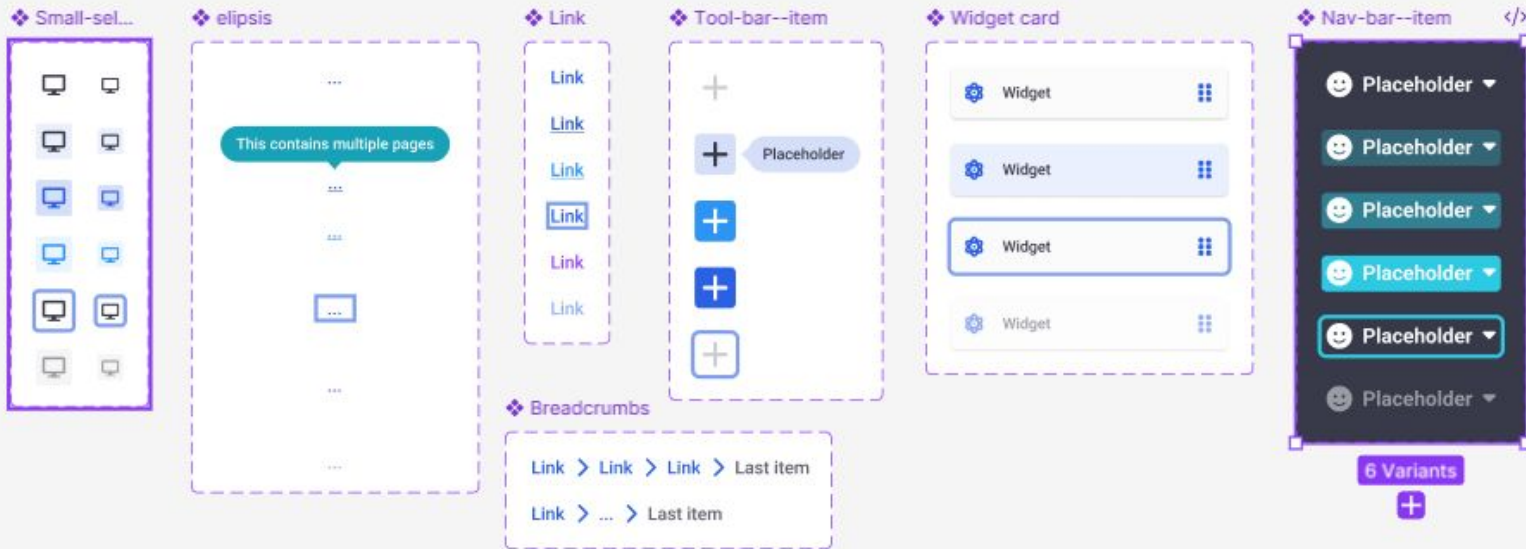
Button



Frame 197



Conceptualized all possible button colors, although I built only primary as a component, and relied on styles to implement when needed for other colors. This minimized the states and settings when components were being used.



Tool tracks items and navigation buttons, links, and dropdowns.

Settings

- 🏢 Organization
- 👥 Groups
- 👤 Users
- 📄 Codes

Profile

Ime prezimenić
@username

📄 Public profile

Account

- 👤 Account settings
- 🔑 Log out

Section title

- 🏢 First item
- 👥 Second item
- 👤 Third item
- 📄 Fourth item

Section title

- First item
- Second item
- Third item
- Fourth item





System Personal

- ⚠️ This is some kind of a warning message to be displayed when it occurs. [View details](#)
- ℹ️ This is some kind of a info message to be displayed when it occurs. [View details](#)
- ❌ This is some kind of a error message to be displayed when it occurs. [View details](#)
- ✅ This is some kind of a success message to be displayed when it occurs. [View details](#)
- ℹ️ This is some kind of a info message to be displayed when it occurs. [View details](#)
- ❌ This is some kind of a error message to be displayed when it occurs. [View details](#)
- ⚠️ This is some kind of a warning message to be displayed when it occurs. [View details](#)
- ℹ️ This is some kind of a info message to be displayed when it occurs. [View details](#)
- ✅ This is some kind of a success message to be displayed when it occurs. [View details](#)
- ❌ This is some kind of a error message to be displayed when it occurs. [View details](#)

[View all notifications](#)

Redesigned the content and UI of the new App menu. This was also used for end user apps, Meaning it allowed for more complex navigation inside a main app menu.



-  This is some kind of a warning message to be displayed when it occurs. ✕
[View details](#)
-  This is some kind of a info message to be displayed when it occurs. ✕
[View details](#)
-  This is some kind of a success message to be displayed when it occurs. ✕
[View details](#)
-  This is some kind of a error message to be displayed when it occurs. ✕
[View details](#)

Notifications used for display (mostly) success and error messages that were also now kept in notifications menu on the app menu.

Katalyo Home Resource list New Resource

🔔 ⚙️ 👤

Side Menu Title <

SECTION ONE

- 👤 Shitty page
- 🎆 Bombastic page
- 🔗 Fix-me page

SECTION TWO

- 👤 You don't stand ^
- 👤 A ghost
- 🎲 Of a chance
- 🍋 When life gives you lemon
- 📺 We ain't got none tho...
- 📄 Did you shower today?

Retractable side menu.

Enabling Enterprise Logic Flow Builder

What I did

Designed a visual Flow Builder to move the platform beyond simple CRUD apps.

Why

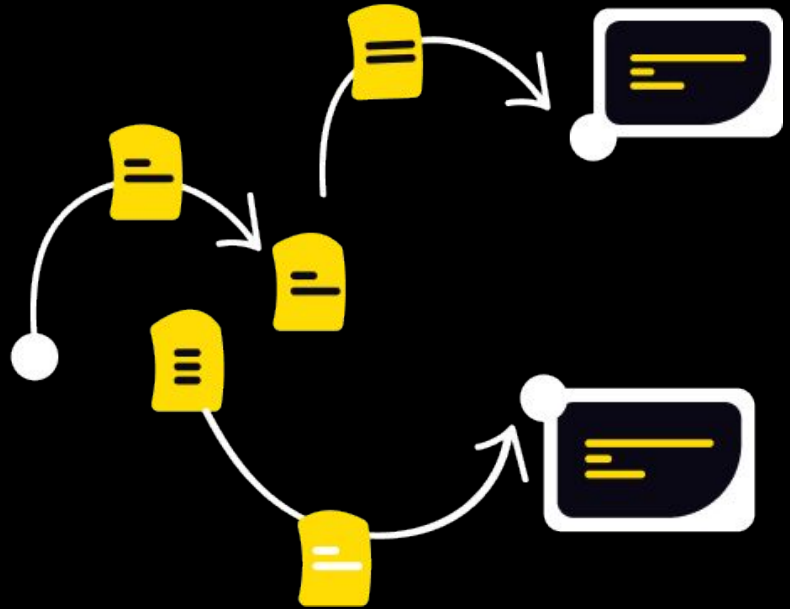
Old widgets were "heavy" and handled logic internally, giving users zero control over data inputs or custom actions.

How

I separated logic building into a dedicated "mode" to handle custom visual states and data flows without technical debt.

Result

Gave the platform the "heavy hitter" status required for enterprise-level applications.



The screenshot shows the Katalyo application interface. At the top, there is a navigation bar with 'Katalyo', 'Home', 'Resource list', and 'New Resource'. On the right, it shows 'First Last' and 'Settings'. Below the navigation bar, there is a header for the task 'Task: Name1232' with 'ID: 669', 'Active: ✓', and 'Version: 20'. A link to 'Return to resources list' is on the left.

The main content area is titled 'Page flows'. It displays a horizontal sequence of actions: 'Action Buttons' (triggered by 'Odobri:clicked'), 'Action 1' (addResource), 'Action 2' (refreshData), 'Action 3' (updateResource), 'Action 4' (updateResource), and 'Add action' (Action description). A '+ New flow' button is visible on the left side of the flow.

A 'New flow' dialog box is open, showing a 'Choose event' dropdown menu. The dropdown is open, displaying a list of events under 'Global Events' and 'Widget Events'. The 'Widget Events' section is highlighted, showing two entries for 'Action Buttons' with unique IDs. The dialog also includes a 'Trigger event' label, a 'Cancel' button, and an 'Add event' button.

A large yellow arrow on the right side of the image points towards the 'New flow' dialog box.

I started with basic, but straightforward idea of how to build it. Initially still thinking it was gonna be feature of another resource. This was a simple design, that would be great, except it would potentially create horizontal scrolling, and also couldn't properly handle branching of the logic cases.

Return to resources list

Page: Name1232

ID: 669 Active: Version: 20

Save

Page flows

Trigger Step 1 Step 2 Step 3 Step 4

ACTION 2 ID: 4562_45

FORMULA
add()

INPUT
Field1557_45
Field1558_45

OUTPUT
OUTPUT (ID: 4562_45)

Action 2
add()

Action 1
add()

- Dependencies
- Insert before
- Insert after
- Insert parallel
- Edit
- Delete

New flow
Trigger event



I tried iterating on it, but some of the problems still persisted. Even with second dimension added, it was messy, uneven, and horizontal scroll still posed a potential problem.

Katalyo Home Resource list New Resource

Flow: Name1232 ID: 669 Active: ✓ Version: 20 Status: Published ✓

Return to resources list

»

Data

Values Labels

System Data

- Current user
- System Date
- System Time

Page Data

- Page name
- Page ID

Application Data

- App Name
- Nr. of Users

Dataset Value

- Dataset 465 Dataset 749
- Dataset 884

Dataset 465

Save

Eventually I decided to handle most of those problems by designing the flow vertically which allowed for easier branching and more natural vertical scroll if needed.

Initial state

< Return to resources list

Flow: Name1232

ID: 669 Active: ✓ Version: 20 Status: Published ✓

Save

Data

Values Labels

System Data

👤 Current user

📅 System Date

🕒 System Time

Page Data

📄 Page name

🏠 Page ID

Application Data

📱 App Name

👥 Nr. of Users

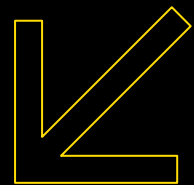
Dataset Value

Dataset 465 Dataset 749

Dataset 884

Dataset 465

- Button click**
Triggers the flow on button click event.
- Form Processed**
Triggers the flow once the form is processed
- Page load**
Triggers the flow on page load event.



Choose trigger event

< Return to resources list

Flow: Name1232

ID: 669 Active: ✓ Version: 20 Status: Published ✓

Save

Data

Values Labels

System Data

Current user

System Date

System Time

Page Data

Page name

Page ID

Application Data

App Name

Nr. of Users

Dataset Value

Dataset 465 Dataset 749
Dataset 884

Dataset 465

Button click (12390)
Triggers the flow on button click event.



Event properties

Label

Create new
 Create from template

Resource type
Dataset

Resource
Select

Dataset (12386)

Delete



Set events

< Return to resources list

Flow: Name1232

ID: 669 Active: ✓ Version: 20 Status: Published ✓

Save

Data

Values Labels

System Data

- Current user
- System Date
- System Time

Page Data

- Page name
- Page ID

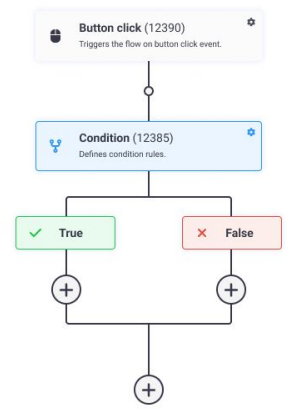
Application Data

- App Name
- Nr. of Users

Dataset Value

- Dataset 465 Dataset 749
- Dataset 884

Dataset 465



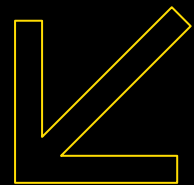
Event properties ✕

Label
 Create new
 Create from template

Resource type
Dataset

Resource
Select
Dataset (12386)

Delete



Add condition

Save

Data

Values Labels

System Data

Current user

System Date

System Time

Page Data

Page name

Page ID

Application Data

App Name

Nr. of Users

Dataset Value

Dataset 465 Dataset 749

Dataset 884

Dataset 465

Field1465_45

Properties Refresh (12388)

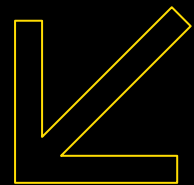
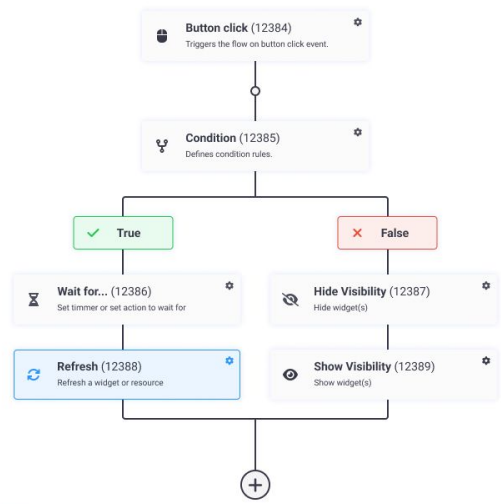
Refresh a widget or resource

Field	Function	Value
Field_1234	Update	Value
Field_1235	Update	Value
Field_1236	Update	Value
Field_1237	Update	Value
Field_1238	Update	Value
Field_1238	Update	Drop here
Field_1238	Update	Drop here
Field_1239	Addition	1

OUTPUT (ID: 4561_45)


Delete

Can't use output before the action is resolved



Define condition results

#2 Fleet Logistics: Bridging the Physical-to-Digital Divide



The Vision Summary



Context

Solo Designer for an end-to-end operational overhaul of a major facility management company in Zagreb.

Quick Stats

1 Designer/Developer | 2 Developers | 1 BA/PM
Continuous alignment with corporate directors and operational heads

Role

Solo Product Designer & Solution Architect

Core Challenge

Transforming a fragmented "blind spot" of paper logs, physical receipts, and disconnected spreadsheets into a centralized, data-driven optimization engine.

Stakeholder Alignment & Constraints

- Situation** The company realized they were facing massive, untracked fleet expenditures but lacked the visibility and data infrastructure to identify leaks or control costs
- Strategy** Conducted high-level alignment workshops with the Board of Directors to define business goals, paired with deep-dive contextual inquiries with daily operations leads to map true operational friction
- Reality** The system had to be built for a workforce with low digital literacy operating on shared, single-terminal department computers—meaning the UI had to absorb all user-error risks



Structural Architecture

Centralizing the Asset Core

What I Did

Architected the entire application around the Vehicle as the absolute "Single Source of Truth."

Why

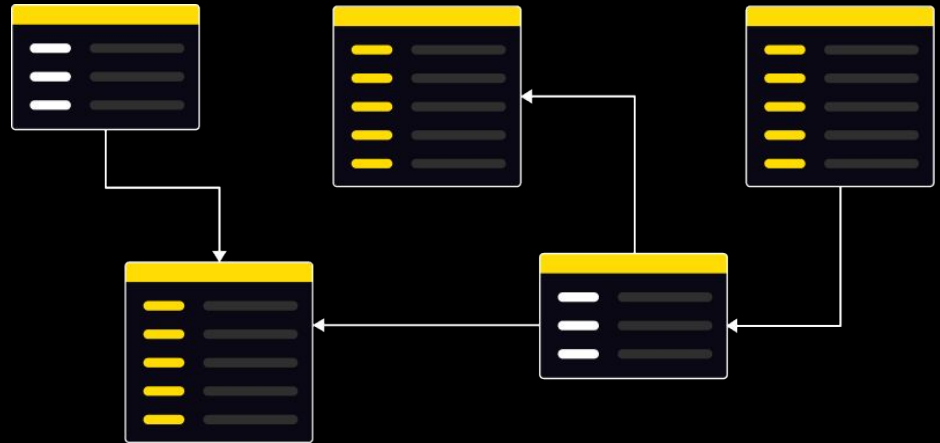
Previously, data (insurance, tires, damage, fuel bills) lived in siloed folders and paper sheets. If a manager needed to check a vehicle's total cost, they had to cross-reference multiple sources

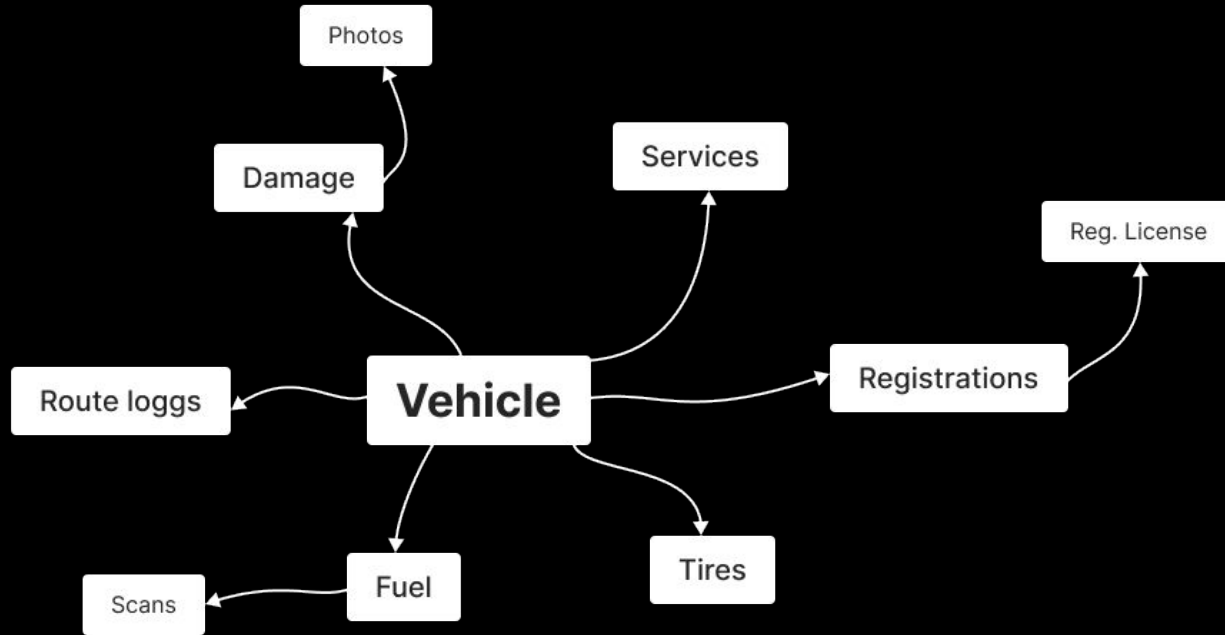
How

Parented all peripheral operational modules—including monthly route schedules, damage logs, maintenance tracking, and seasonal tire locations—directly to the specific vehicle entity

Result

Consolidated scattered data sources into a single, cohesive view, eliminating the need to cross-reference paperwork and giving managers instant visibility into the status and maintenance history of any vehicle





Data structure of application. Vehicle as main source of truth, connected with the rest of the modules/entities.

Katalyo [Lista vozila](#) [Pregledi](#) [Rent](#) [Tasks](#) [Analytics](#) First Last Settings

Mazda | M3
ZG 5587 VT

Zaduženje
Pero Ivanić

Lokacija
Zagreb

Kilometraža
87,450 km

Gorivo
Diesel

Godina
2020.

Ukupne štete

3

Riješeno

2

Ukupni trošak

3,750€

Prosječno vrijeme

12 dana

Osnovni podaci

Pogon	Prednji
Električni	Ne
Broj vrata	5
Sjedala	5

Administrativni podaci

Br. šasije	FS654G5DS4G4545
Mjesto troška	125
Leasing	Operativni
Trajanje Leasinga	120 mjeseci

Štete [Leasing](#) [Gume](#) [Registracije](#) [Prometna](#) [Gorivo](#)

Povijest šteta [+ Dodaj štetu](#)

	Mala Neriješeno	25.02.2023. Pokriva: Kasko	Bez PDV-a 300 €	S PDV-om 375 €		
	Velika Riješeno	12.12.2022. Pokriva: Kasko	Bez PDV-a 2500 €	S PDV-om 3125 €		
	Mala Riješeno	07.03.2022. Pokriva: Kasko	Bez PDV-a 200 €	S PDV-om 250 €		

<< < 1 2 3 4 5 6 7 8 9 10 > >>

10 of 3 items per page | Page: 1 / 1

Vehicle details

Human-Centric Adoption

Ensuring Zero-Friction Operational Adoption

What I Did

Authored a highly visual, instruction manual and conducted direct, on-site training sessions to guide users through the digital transition.

Why

The software is only as valuable as the people using it. Forcing a workforce that was entirely used to paper logs and physical clipboards to suddenly use a digital application for their daily routines created immediate friction and user anxiety

How

I bridged the digital divide by providing manual that directly mirrored the application's layout. To reinforce this outside of training, I integrated helpful (i) informational pointers directly onto the screens to provide instant context where users historically struggled most, such as cost reporting and mileage logging

Result

Achieved a seamless rollout with zero operational downtime and immediate user adoption. By pairing on-site human support with clear, non-technical instructions, we turned a potentially intimidating software mandate into an empowering, stress-free tool.

Potential user flows

Main tasks

It all came down to handling several tasks for employees that we had to translate into user flows:

1. Most vehicles were mass imported from excel sheets into the database of vehicles, but for any further vehicles user had to have a way to enter new vehicles, as well as manipulate data of existing vehicles.
2. Report data on damages that happened on the vehicles, as well as how those were handled.
3. Enter registration info about vehicles, as well as update registration license scans
4. Track route logg and fuel consumption
5. Track tier changes
6. Track leasing info
7. Check and filter cost analytics of the whole Fleet

Example of one of those translated into digital flow (Vehicle damage entry):

User selects a car from list of cars → Chooses add Vehicle damage action button → Enter Damage screens opens → Enters info into a form → clicks "Submit → Is taken to screen to upload photos of a damage → selects photos → submits photos → is taken to the vehicle details screen

##Here is a potential area for an error, user has to enter damage photos, but they are separate action, and user has room for an error, by clicking somewhere on the navigation bar(s), so we handled this in two ways:

1. Remove all navigation in this part of the process so user is fully focused on the task of uploading pictures to minimize the potential for failing at this task
2. Creating zero consequence of failed action by allowing additional upload of pictures to the same damage at any point in time, simply by navigation back to the main vehicle screen and choosing the damage entry in question

Vozila

Renting

Lista vozila

Export

Ovo je lista vozila. Odaberite vozilo za koje želite unjeti informacije i otvorti će vam se lista brzih akcija, zatim kliknite na akciju koju želite izvršiti. Za sve akcije nad vozilima odaberite "Detalji vozila"

Registracija

Zaduženje

Marka

Status

Pretraži

Registracija	Marka	Model	Zaduženje	Mjesto troška	Status
ZG 4785 AC	Lorem	Ipsum	Dolor Sit	708	Aktivan
ZG 4785 AC	Lorem	Ipsum	Dolor Sit	708	Aktivan
ZG 4785 AC	Lorem	Ipsum	Dolor Sit	708	Aktivan
ZG 5587 VT	Mazda	M3	Pero Ivanić	125	Aktivan
ZG 4785 AC	Lorem	Ipsum	Dolor Sit	708	Aktivan
ZG 4785 AC	Lorem	Ipsum	Dolor Sit	708	Aktivan
ZG 4785 AC	Lorem	Ipsum	Dolor Sit	708	Aktivan
ZG 4785 AC	Lorem	Ipsum	Dolor Sit	708	Aktivan
ZG 4785 AC	Lorem	Ipsum	Dolor Sit	708	Neaktivan
ZG 4785 AC	Lorem	Ipsum	Dolor Sit	708	Aktivan
ZG 4785 AC	Lorem	Ipsum	Dolor Sit	708	Aktivan

- Detalji vozila
- Unos štete
- Unos servisa
- Unos vozne liste

<< < 1 2 3 4 5 6 7 8 9 10 > >>

10 of 467 items per page | Page: 1 / 47

Vehicle list

Dodaj novu štetu

Mazda | M3

ZG 5587 VT

Unesite potrebne informacije u polja ispod, te pritisnite gumb "Unesite" kada ste spremni finalizirati unos. Nakon unosa informacija o šteti biti će potrebno unjeti i fotografije štete na sljedećem zaslonu

Status**Veličina štete**

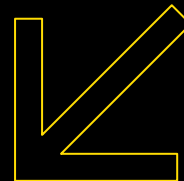
Mala

Velika

Totalna

Cijena bez PDV-om**Cijena s PDV-om****Opis štete**

Unesi



Damage info entry

Fotografije štete

Mazda | M3

ZG 5587 VT

1 Prenesite fotografije štete povlačenjem datoteka ovdje ili klikom na gumb "Odaberi datoteke". Možete dodati više fotografija odjednom. Nakon što završite s prijenosom, pritisnite "Završi unos".

Prenesi fotografije



Povucite fotografije ovdje

ili

[Odaberi datoteke](#)

Prenesene fotografije (3)

Pregled	Naziv datoteke	Veličina	Vrijeme prijenosa	
	prednja_steta_bumper.jpg	2.29 MB	10:23	✕
	ogrebotina_vrata_lijevo.jpg	2.29 MB	10:23	✕
	steta_bocna_strana.jpg	2.29 MB	10:24	✕

[Završi unos](#)

Data Ingestion & Analytics

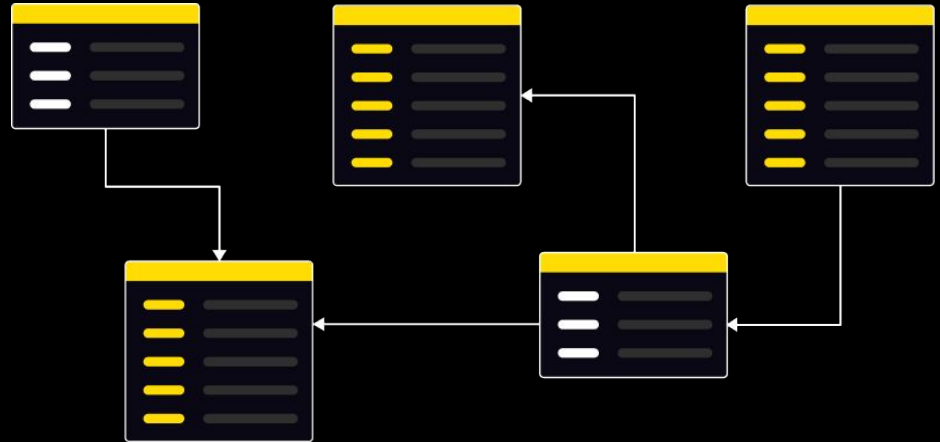
Transforming Fragmented Data into Financial Control

What I Did Built a unified Data Ingestion Flow for fuel usage, invoices, and a "One-Click" Reporting Engine

Why Thousands in expenses were locked inside paper bills and manual monthly logs, making historical cost analysis and optimization impossible for the management

How Streamlined the monthly data entry for route schedules and fuel bills into simple, guided steps, and designed a reporting engine with pre-set shortcuts for specific cost centers (e.g., Fuel vs. Repairs)

Result Eliminated hours of manual Excel work for directors and operational heads, providing real-time telemetry on total fleet expenditure for the first time in the company's history



Svi troškovi

Štete

Gorivo

Servisi

Izveštaj o troškovima

Ukupni trošak



125.000 €

Štete



25.000 €

Gorivo



60.000 €

Servisi



40.000 €

Registracija

Tip troška

Period

01.01.2021. - 01.01.2022.



Pretraži

Registracija	Marka	Odjel	Tip troška	Iznos	Mjesto troška
ZG 4785 AC	12.12.2022.	Čišćenje	Aktivan	500,00	708
ZG 4785 AC	31.11.2022.	Čišćenje	Aktivan	500,00	708
ZG 4785 AC	12.11.2022.	Čišćenje	Aktivan	352,84	708
ZG 5587 VT	12.11.2022.	Računovostvo	Aktivan	745,12	125
ZG 4785 AC	11.11.2022.	Čišćenje	Aktivan	112,10	708
ZG 4785 AC	05.11.2022.	Čišćenje	Aktivan	965,00	708
ZG 4785 AC	04.11.2022.	Informatika	Aktivan	452,61	708
ZG 4785 AC	24.10.2022.	Informatika	Neaktivan	985,14	708
ZG 4785 AC	21.10.2022.	PT	Aktivan	152,32	708
ZG 4785 AC	10.10.2022.	Čišćenje	Aktivan	652,34	708

<< < 1 2 3 4 5 6 7 8 9 10 > >>

10 of 467 items per page | Page: 1 / 47

#3 Operations Architecture: Digitalizing the Certification Lifecycle



The Vision Summary



Context

Solo Designer & Solution Architect for a custom CRM and Project Management ecosystem built for a specialized PCI-DSS compliance agency.

Quick Stats

1 Designer/Developer | 2 Developers |
Continuous discovery sprints with the core founding team

Role

Solo Product Designer & Solution Architect

Core Challenge

Streamlining a fragmented operational workflow—where critical financial data, project timelines, and internal communications were scattered across local text files, e-mails, and manual templates—into a centralized revenue engine

Structural Architecture

Unifying Operations Around a Single Anchor

What I Did

Architected a relational data model that centers the entire business operation around a unified Client Entity, linking CRM data directly to active compliance projects

Why

The core founding team (3–4 people) handled everything manually. Client histories, contract terms, and project statuses lived in scattered information silos, leading to severe operational friction and a high risk of overlooking critical compliance deadlines

How

Instead of creating isolated, flat lists for different departments, I mapped a multi-month service journey where every issued offer, signed contract, legal document, and active audit service automatically aggregates under one relational Client profile.

Result

Eliminated data fragmentation by creating a 360-degree view of the client lifecycle, ensuring that zero project context or history is lost as the agency scales its team

Asynchronous Communication Log

Centralizing Contextual Communication

What I Did

Designed an embedded, cross-entity Communication Log to capture informal operational updates and replace fragmented message channels

Why

Crucial project updates, client-specific nuances, and quick reminders were scattered across internal email threads, text messages, and unstructured document comments, leaving new hires and team members blind to recent developments

How

Created a lightweight, centralized interaction feed directly inside each project and client screen. This allowed team members to log quick notes, pin urgent updates, and tag specific milestones natively within the workspace

Result

Successfully audited and replaced the disorganized "internal email and text" habit, giving the founding team an instant, accurate timeline of every client interaction in one shared space

Client Details

Complete overview of client information and activities

Edit Client

Client Information

Active

Name Company name d.d.	Industry Retail	Country Republic of Croatia	Status Active
Address Street Name 123a	Reference Number JFSD655225255	VAT YES	Note

Sales 3 Offers 2 Deliveries 1 Contracts 2 Bills 4

+ New Project

Name	Status	Country
IP analysis 2024	Active	Republic of Croatia
IPS 2024	Sold	Republic of Croatia
TTPST for 2025	Rejected	Republic of Croatia

Contact 3 Address 1

+ Add Contact

Name	Type	Email	Phone
Josip Anić	Billing	jantic@firma.hr	+385915748932
Ante Ivanić	Technical	aivanic@firma.hr	+385995454672
Martina Alemić	Technical	malemic@firma.hr	+385995454672

Notes

+

Note title goes here

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28.01.2024 by Matija Edit

Note title goes here

Lorem ipsum dolor sit amet consectetur adipiscing elit Ut et massa mi.

24.01.2024 by Marko Edit

+ Add Note

Client Details

Automated Invoicing Logic

Automating the Billing Pipeline

What I Did

Engineered an automated document and bill generation framework that populates client variables directly into compliant templates

Why

Billing was a massive operational bottleneck and a source of revenue leakage. The team manually calculated project costs, copied client details, and filled out Word templates line by line, resulting in invoicing delays and frequent data-transfer errors

How

Developed a logic engine that automatically scrapes real-time project variables—such as billable auditor hours, service tiers, and predefined contract rates—and maps them seamlessly into ready-to-send invoice layouts

Result

Reduced manual invoice generation time, completely eliminated calculation errors, and accelerated the agency's cash flow by closing the gap between project completion and billing

Delivery Project Detail

Contains project data, client data, and can generate bill.

Katalyo 🏠 Clients 🔧 Services 👤 My Projects 👥 Employees 👤 First Last ⚙️ Settings

Delivery Details

Company name d.d. 📄 Generate Bill

[Overview](#) [PCI Requirements](#) [Findings & Issues](#) [Documents](#) [Bills](#)

Project Information

[Edit Details](#)

Project Name Company name d.d.	Industry Retail	PCI-DSS Version PCI-DSS v4.0	Audit Type Annual Reassessment
Scope Level SAQ D - Merchant	Certificate Status 🔄 In Progress (65%)	Validity Period 1/15/2024 - 1/15/2025	OSA Assigned John Smith
Address Street Name 123a	Reference Number JFSD655225255	VAT YES	Risk Score Medium

Estimated Days 40	Realized Days 45 +5 over estimate	Man-day Rate €200	Total Sum €9,000	Budget Remaining €1000	Hours Remaining 15
-----------------------------	--	-----------------------------	----------------------------	----------------------------------	------------------------------

Services & Requirements

Service Name	Status	PCI Requirements	Assigned Auditor	Evidence	Finding Severity	Due Date	Action
IP Analysis	✅ Finished	Req 1.2.1, 1.3.4	Sarah Chen	Complete		1/20/2024 (Overdue)	
IPS Detail	🔄 In Progress (60%)	Req 2.1, 2.2.4	Mike Johnson	Pending	Medium	2/15/2024 (Overdue)	View Details →
TTPST	🚫 Blocked (30%)	Req 3.1, 3.5.1	John Smith	Awaiting Client	High	2/1/2024 (Overdue)	View Details →

Project Notes & Communication

[+ Add Note](#)

[All](#) [Finding](#) [Client Communication](#) [Remediation Action](#) [Internal Note](#)

Missing Firewall Documentation

High

Client needs to provide updated firewall rule documentation for requirement 1.2.1. Requested via email on 24.01.2024.

[Finding](#) [IP Analysis](#) [Open](#) 1/26/2024 by Matija

Client Meeting Scheduled

Medium

Follow-up meeting scheduled for Feb 5th to review penetration testing scope and remediation timeline.

[Client Communication](#) [IPS Detail](#) [Open](#) 1/24/2024 by Marko

Mislav Hilc

58

The Executive Workspace

Operational Telemetry for Scaling Leadership

What I Did

Designed a high-level Executive Dashboard to provide real-time visibility into the revenue pipeline and team utilization

Why

As the founding team began hiring and scaling, leadership had no centralized way to instantly track the financial health of the business, differentiate pending payments from issued quotes, or monitor active project volumes

How

Aggregated relational database inputs into clean, visual status metrics, clearly categorizing business-critical states: Active vs. Concluded Projects, Sent Offers vs. Signed Contracts, and Pending Invoices vs. Received Payments

Result

Empowered founders with real-time financial and operational clarity, transforming their management style from reactive firefighting to data-driven strategic planning

My Dashboard

Overview of your projects, offers, and activities

Analytics

Active projects 📄

7

Pending bills 🕒

2

Pending payment 💰

1

Sent offers 📩

4

Client Name	Status	Service Name	Actions
Name company d.o.o.	Sent	IPCT	View Details →
Company name d.d.	Review	ISPT	View Details →
Company d.d.	Sent	IP Analysis	View Details →
Name d.o.o.	Paid	IP Analysis	View Details →

Showing 4 of 4 offers [View All →](#)

Personal Notes

▼ Filter ↕ Sort

Note title goes here

Lorem ipsum dolor sit amet consectetur adipiscing elit Ut et massa mi. Aliquam in hendrerit urna. Pellentesque sit amet sapien.

26.01.2024 by Matija

[Edit](#)

Note title goes here

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24.01.2024 by Marko

[Edit](#)

Note title goes here

Lorem ipsum dolor sit amet consectetur adipiscing elit Ut et massa mi. Aliquam in hendrerit urna. Pellentesque sit amet sapien.

26.01.2024 by Matija

[Edit](#)



Delivery Project Detail

Contains project data, client data, and can generate bill.

Thank you!

Let's build something scalable together.

Email

hilc84@gmail.com

Phone

+385 91 586 7487

LinkedIn

<https://www.linkedin.com/in/mislav-hilc-231282199/>