

# TLD Sample Portfolio

These are a few of our favorite things.



# Tech Stack

- This list encompasses a diverse range of software, tools, frameworks, and platforms predominantly used by us – not a fully exhaustive list.

## **WEB TECH**

ASP.Net  
PHP  
React, Node  
AngularJS  
Azure  
AWS  
CodeIgnitor  
Yii  
Laravel, Vue  
Wordpress

## **MOBILITY**

Android  
iOS  
Xamarin  
React Native

## **LOW-CODE**

Outsystems  
Power Apps

## **ENTERPRIS**

**E**  
iWay  
IBM Sterling  
Thunderhead

## **REPORTIN**

**G**  
Qlik  
Tableau  
Jasper  
Crystal  
Actuate

## **DATABASE**

SQL Server  
MySQL  
DTS, SSRS  
MongoDB

## **LEGACY**

Visual Basic  
6, COBOL  
Classic ASP  
C, C++

Apart from the development stack, we have a team of QA/QC analysts and a dedicated Configuration/Release management team that takes care of the build & release processes for the US client.



# COMPREHENSIVE CUSTOM HR DASHBOARD

The primary goal was to create a user-friendly, data-driven dashboard that empowers HR professionals and company executives with real-time data to make informed decisions. The dashboard aggregates data from various sources (Workday) and presents it in an intuitive and visually appealing manner.



Procedures Awaiting Action

Awaiting Processes

**14.756**

12.542 Max 365 days  
2.214 1Y plus

Awaiting Processes (in scope)

**10.013**

9.021 Max 365 days Related  
992 1Y plus

Awaiting Step Status	Total	till 90 days	91-365 Days	1Y Plus
Awaiting Action	2.500	1.250	1.250	250
In Progress	2.500	1.250	1.250	250
Saved for Later	2.500	1.250	1.250	250
Other	2.500	1.250	1.250	250

Transactions 'Saved for Later'

**2.613**

2.363 Max 365 days  
250 1Y plus

Employee Terminated

**713**

605 Max 365 days Related  
108 1Y plus

Awaiting Person Inactive

**307**

220 Max 365 days Related  
87 1Y plus

Awaiting at Admin

**56**

45 Payroll Related

Overview	Process Level	Step Level	Other				
Transaction	Process Type	Overall Process	Worker	Status Worker	Step	Days Step	Status step
Hire Mr. Green	Hire	Hire	Mr. Green	Active	Assign Collective	open	Saved for Later
Termination Ms.	Termination	Termination	Ms. Purple	Terminated	Agreement	165	In Progress
Purple	One Time Payment	Hire	Mr. Orange	---	Review Document	245	Awaiting Action

Process Mining - Hire  
May 2023 - April 2024

Transactions

**74**

6,17 Monthly Average

Successfully Completed

**63**

5,25 Monthly Average

In Progress

**6**

0,50 Monthly Average

Cancelled

**3**

0,25 Monthly Average

Rescinded

**2**

0,17 Monthly Average

Backdated (TWK)

**3,42 (6,50%)**

12,4 Monthly Average

Average Processing Time

**3,42 (6,50%)**

2,15 Average Processing Time

Corrections

**1**

0,08 Monthly Average

Send Backs

**0**

0,00 Monthly Average

Step awaiting action

**175**

Transactions with Corrections

**1 (0,01%)**

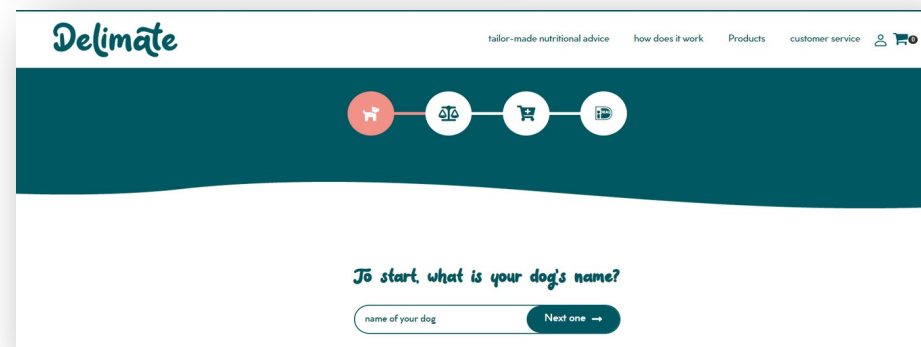
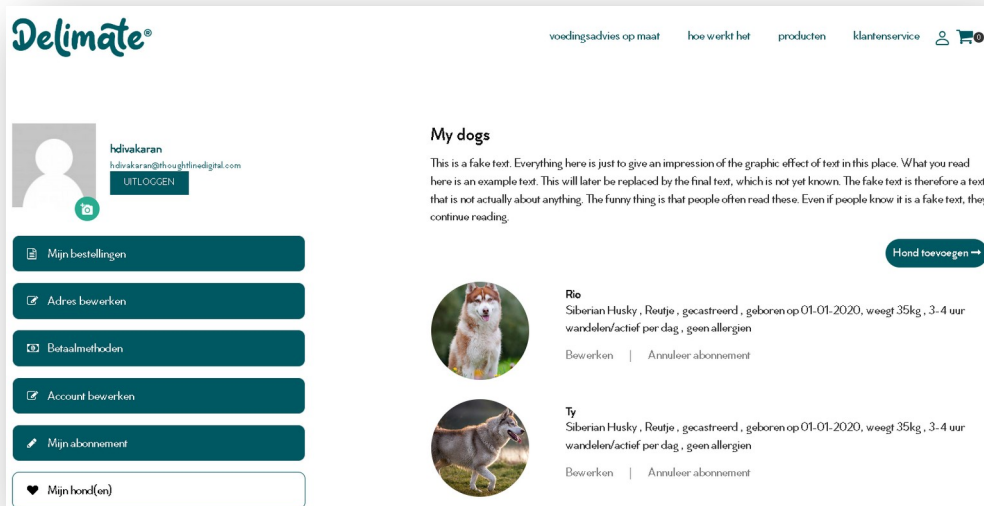
0,08 Monthly Average

Step ID	Step	Step Type	Role	Avg. Duration	Step Completed	Submitted	Approved	Sent back	Awaiting act.	Corrections	Total
b	Approval by Cost Center Manager	Approval	Cost Center Manager	-	0	0	35	0	1	0	36
b	Approval by HR Partner	Approval	HR Partner	-	0	0	29	0	0	0	29
c	Approval by Manager	Approval	Manager	-	0	0	12	0	0	0	12

## B2C ECOMMERCE PLATFORM FOR PET NUTRITION

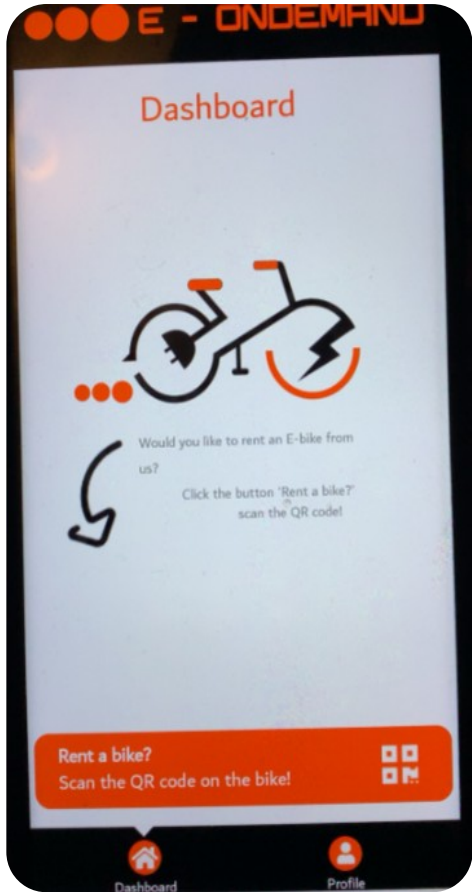
The software empowers pet owners with tailored advice on their pet's daily calorie needs, ensuring optimal nutrition.

A well-established Dutch company, known for producing private label dog food, wanted to launch a startup brand dedicated to personalized nutrition for dogs. This initiative marks a strategic shift from their existing B2B model to a B2C approach, aiming to offer customized nutritional solutions directly to consumers. Our team developed a platform that uses a pet profile and questionnaire to generate customized calorie intake recommendations and recurring orders, improving customer experience and acquisition.















## IOT BASED BIKE RENTALS WITH BLE LOCK INTEGRATION

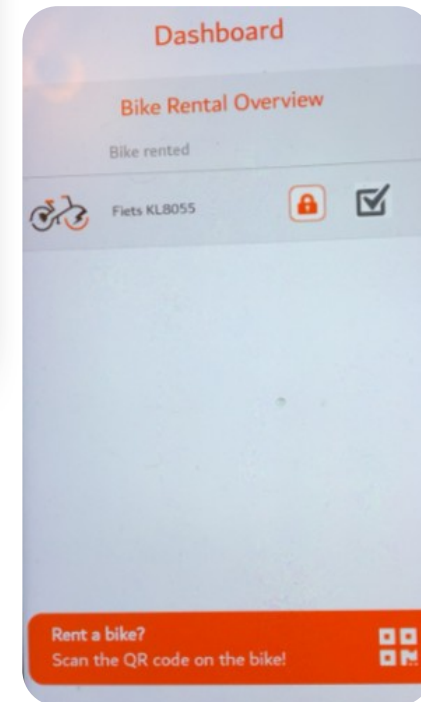
Traditional bike rental systems often require users to manually unlock and lock bikes using physical keys or combination locks. Our team developed a mobile application that integrates with BLE locks. The application allows users to locate, rent, and unlock bikes directly from their smartphones.



Showing 1-10 of 167 items.

#	Bike Name	Bike Type	Bike Status	Location	Lock Number	Lock UID	Claim Code	Price Inclusive	
1	ED210	Electric	Free	Hotel Maastricht	5925791646875648	69D806212922C42B7B4E	9D6CE47E750C4BF9A3FEF80FD24E180E	30,00	 
2	ED209	Electric	Free	Bungelowpark Eindhoven	5925791646875648	69D806212922C42B7B4E	9D6CE47E750C4BF9A3FEF80FD24E180E	30,00	 
3	ED208	Electric	Free	Hotel Maastricht	5925791646875648	69D806212922C42B7B4E	9D6CE47E750C4BF9A3FEF80FD24E180E	30,00	 
4	ED207	Electric	Free	Hotel Amsterdam	5925791646875648	69D806212922C42B7B4E	9D6CE47E750C4BF9A3FEF80FD24E180E	30,00	 
5	ED206	Electric	Free	Hotel Maastricht	5925791646875648	69D806212922C42B7B4E	9D6CE47E750C4BF9A3FEF80FD24E180E	30,00	 
6	ED205	Electric	Free	Hotel Amsterdam	5925791646875648	69D806212922C42B7B4E	9D6CE47E750C4BF9A3FEF80FD24E180E	30,00	 

- Our integration with AXA BLE locks demonstrates the potential of leveraging smart technology to improve urban mobility solutions. By automating the bike rental and unlocking process, we have created a seamless and secure experience for users, promoting the use of bicycles as a sustainable mode of transportation.



# DIGITAL TRANSFORMATION FOR A DUTCH RENTAL FLEET OPERATOR

A Netherlands-based fleet rental company overseeing a massive fleet of over 1,000 vehicles grappled with manual processes hindering efficiency. They sought a digital solution to transform their entire business online and streamline operations..

Dashboard Planning Boekingen Factureren Financieel Klanten Voertuigen Beheerders

### Afloopdatums

APK		Tacho		Volgend onderhoud		STEK	
Kenteken	Geldig tot	Kenteken	Geldig tot	Kenteken	Geldig tot	Kenteken	Geldig tot
OP-45-NJ	25-05-2023	67-BPK-4	18-03-2024	OP-45-NJ	25-05-2023	27-BVL-5	14-06-2024
67-BPK-4	18-03-2024	42-BST-2	28-03-2024	80-BPL-5	10-10-2023	82-BVN-5	29-06-2024
OS-54-PR	28-03-2024	08-BPP-6	09-05-2024	0T-55-ZJ	17-01-2024	58-BVP-1	06-07-2024
42-BST-2	28-03-2024	89-BSR-6	10-05-2024	63-BVR-6	28-01-2024	65-BPN-6	10-07-2024
QT-29-GK	05-04-2024	37-BSX-4	10-05-2024	49-BVR-6	29-01-2024	22-BTG-2	15-07-2024
OS-90-PT	07-04-2024	80-BSX-7	10-05-2024	0L-32-KB	02-02-2024	OR-02-KJ	17-07-2024
OT-27-FF	07-04-2024	07-BPP-6	18-05-2024	81-BNS-1	08-02-2024	71-BVR-3	24-07-2024
OP-47-RZ	08-04-2024	79-BSZ-5	18-05-2024	01-BTJ-4	23-02-2024	72-BVR-3	24-07-2024
OK-55-PD	13-04-2024	25-BSZ-1	18-05-2024	OS-05-KN	07-03-2024	63-BVR-6	28-07-2024

### Planning

15-04-2024 - 28-04-2024 | Alle soorten | Alle Merken | Klant

Kenteken | Vlootnr | Show active

Kenteken	Soort	Vloot nr.	Merken	MA 15/04	DI 16/04	WO 17/04	DO 18/04	VR 19/04	ZA 20/04	ZO 21/04	MA 22/04	DI 23/04	WO 24/04	DO 25/04	VR 26/04	ZA 27/04	ZO 28/04
P-855-GF	Personenauto		Volkswagen	Travis Road Services Netherlands B.V.													
PG-22-HH	Trekker		Atec	Adem Meral													
PG-22-MM	Personenauto		Bentley	AAB Logistics BV													
RV-752-V	Personenauto		Mini	C.H. Schemering Reelfs													
RZ-452-L	Personenauto		Mercedes-Benz	Bart Kuijpers													
TFG-59-G	Trekker	K0095	Terberg	L. Bos Transport Materieel B.V.													
TFG-61-L	Trekker	K0263	Terberg	Raben Trucking Netherlands B.V.													
TJ-979-H	Personenauto		BMW	T.R.F. ADMRL Holding B.V.													
TST-66-P	Trekker		DAF	Kuijpers Repair B.V.													
TX-429-K	Personenauto		BMW	Kees van Oers													
V-223-FP	Bestelbus		Ford	BBM Bouw													
V-708-PH	Bestelbus		Mercedes-Benz	FDS Benelux Transport B.V.													
VBN-10-K	Bestelbus		Mercedes-Benz	FDS Benelux Transport B.V.													

### Facturen

Klant Bestelnummer Factuurnummer Kenteken Verzonden naar Exact

Klant	Bestelnummer	Totaal incl. BTW	Proforma nummer	Factuurnummer	Factuurdatum	Kenteken	Verzonden op	Verzonden naar Exact
Ansoumane	54614	344,30	PF53495	F202400771	03-04-2024	BT-BB-85	15-04-2024	
GB User	54613	417,45	PF53494	F202400770	28-03-2024	3-XXX-12	15-04-2024	
UK Vitara	54612	278,30	PF53493	F202400769	28-03-2024	BT-BB-49		
UK Vitara	54611	166,45	PF53492	F202400768	28-03-2024	BT-BB-69		
PGS Gr	54610	121,00	PF53491	F202400767	28-03-2024	BT-BB-78		
PGS Gr	54609	114,14	PF53490	F202400766	28-03-2024	BT-BB-55		

### Wijzig Boekingen

Boekingsnummer: 202417002 | Vanaf datum: 23-04-2024 | t/m datum: 30-04-2024

Voertuig: BTB05 | Klant: Akhaya Holding B.V.

Huurbedrag belast: 200,00 | Huurbedrag onbelast: 30,00 | Eurovignet: 40,00

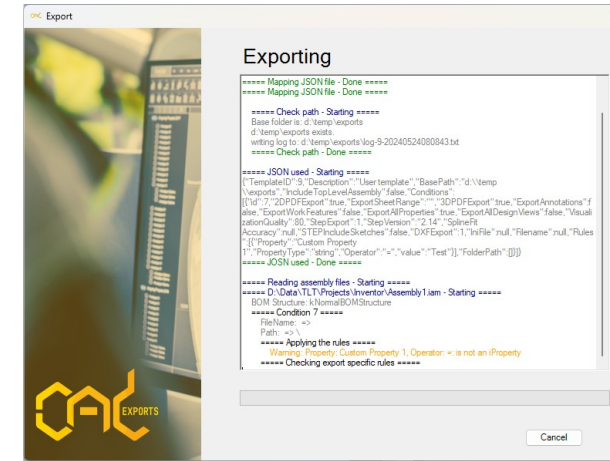
Status: Operationeel | Toestemmingsnummer: | Reeds gefactureerd t/m: 22-04-2024

Interne opmerkingen: test



## MULTI-FORMAT CAD EXPORT TOOL

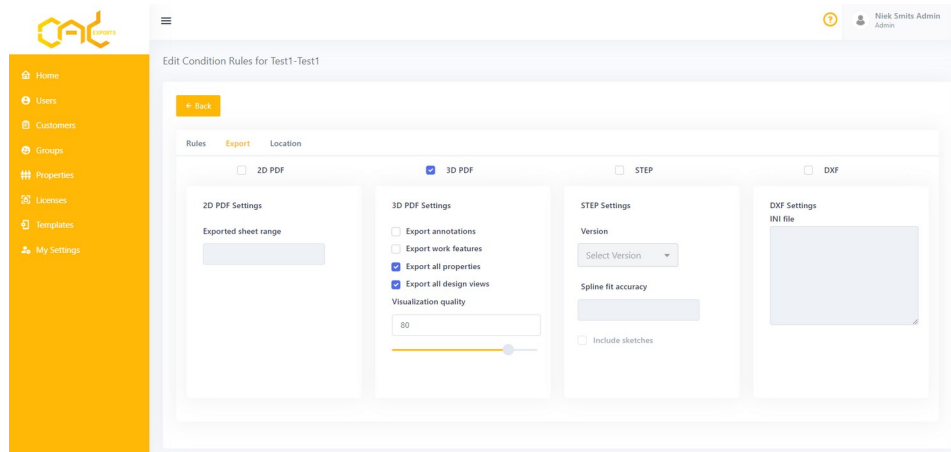
CAD Effect makes exporting of 3d files easy for the CAD engineer. Inventor (CAD software) has it own file format. To communicate the designs to other parties f.e. manufacturers, suppliers, customers etc common exports needs to be made. And per purpose a different export is needed. For a milling supplier STEP files are needed, for talking to the customer 3D pdf are used. For water cutting/ plasma cutting 2d DXF files are needed. On top of that the tree structure of a CAD design is as complicated as a software project.



You can imagine the effort the engineer has to do to make sure all exports are made correctly. That is where CAD Export from CAD Effect comes in. You can define the rules of an export in the portal. you can use any property of the CAD file to include or exclude it from the export. Designer, version, supplier, status, version, material, color, project etc. The same properties can be used to define the export path where to store the exported files. These definitions called templates can be shared within the company.

In Inventor a tool is written to get the data from the portal and do all the defined exports with a few clicks from the engineer. A fully detailed log is created for any support needed from CAD effect.

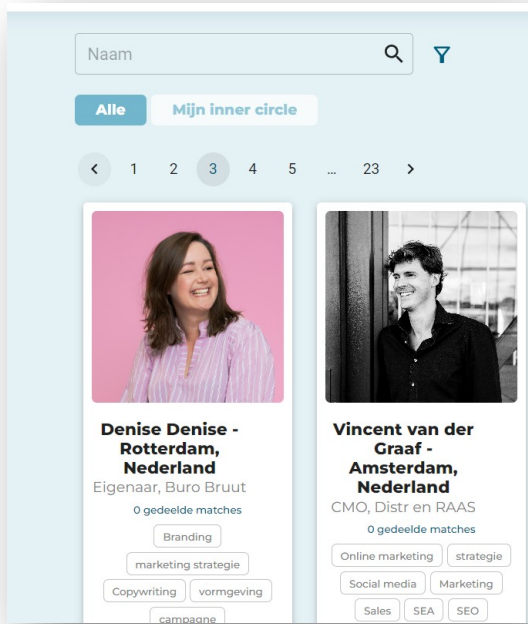
The engineers themselves can create templates and share those with peers or groups.



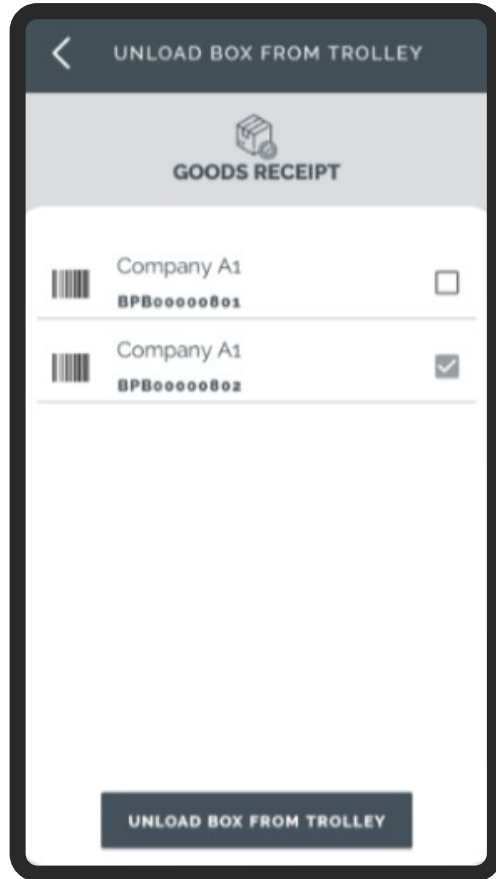
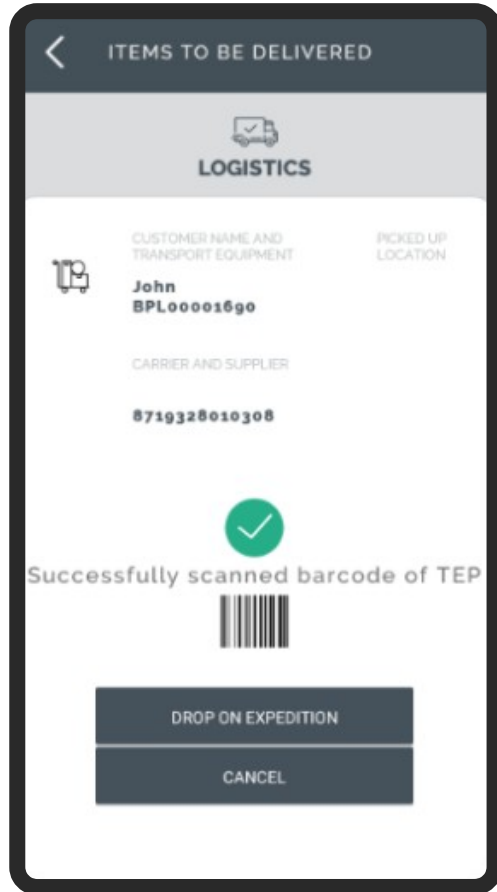
## BESPOKE NETWORKING PLATFORM FOR DUTCH MARKET, A LA LINKEDIN

The platform aims to assemble business professionals for exhibiting their expertise, skills, partnerships, resource sharing, idea generation, and industry insights. The idea is to unify skills and resources, promoting entrepreneurs in connecting with global peers to collaborate on transformative endeavors.

- Users can extend collaboration requests to potential project partners, strategic allies, brainstorming companions, and even co-founding collaborators.



# MULTI-VENDOR LOGISTICS PLATFORM FOR THE PACKAGING INDUSTRY



## CLIENT

The client is a pioneer in the field of the packaging industry and wanted to offer an innovative solution to optimize the planning and execution of order picking, stacking, and loading.

The client wanted to leverage their existing expertise & club it with the latest technology to enhance their reach & serviceability to the next level.

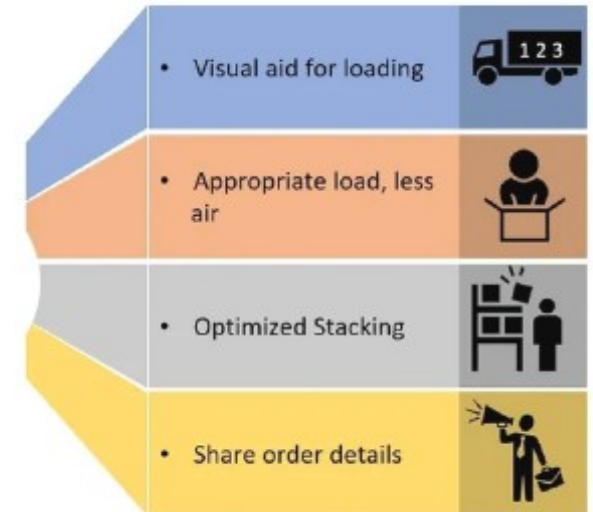
## THE SOLUTION

- ThoughtLine Digital developed a SAAS-based application to help clients reach a broader customer base.
- API integration's paved the way for better communication with third party applications/ ERP/ WMS/ TMS etc.
- Application via latest technology provided visuals of packing and stacking in a user-friendly manner to enhance the productivity of ground staff.
- Application allowed to avoid cumbersome implementation phases and go live in very short duration.



## CHALLENGES

- Unwanted Operational Costs- Packing delays had a domino effect on day to day operations.
- Product Damages - Unwanted product damages caused were directly affecting customers' pocket and brand.
- Communication Gap - The recipient had no clue what final delivery will consist of and the necessary arrangements required for accommodating received items caused delays.



# SCHOOL CRM FOR STUDENTS FOR A LEADING GROUP OF SCHOOLS IN NETHERLANDS

The client is a renowned education group in the Netherlands, with more than 50 years of experience in the field, specializing in practice-oriented education programs in the areas of cooking, hotel management and hospitality.

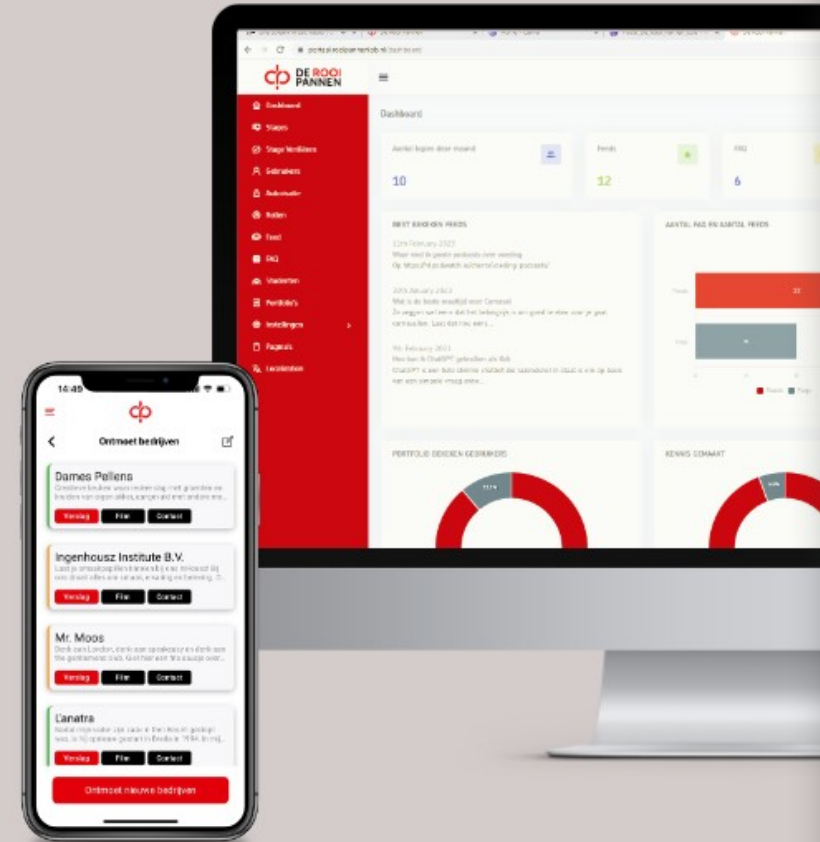
## Challenge

A digital solution for the students to build their careers and portfolio. Teachers to manage their student's progress and a solution for the parents to keep track of their child's progress

## Solution

Thoughtline team built an app-based solution for students enabling them to manage their portfolios, network with their peers, and build their careers. Our app offers the following features:

- ➔ **Portfolio management:** Students can create and update their portfolio by adding their achievements, such as academic records, awards, certificates, projects, publications, and extracurricular activities.
- ➔ **Peer networking:** Students can connect and communicate with their fellow students using chat (Microsoft Teams). They can share their portfolio, exchange feedback, collaborate on projects, and support each other in their academic and career goals.
- ➔ **Career development:** Students can find and apply for new internships that match their interests and preferences. They can browse through a variety of internships offered by different companies and organizations. They can also mark like/dislike internships and contact them individually. Additionally, internship companies can search for students based on their portfolio and invite them for interviews or assessments.
- ➔ **Parental monitoring:** Parents can also access and monitor their child's portfolio using this app. They can view their child's achievements, progress, and feedback.



# ENTERPRISE TIME TRACKER FOR A WORLD LEADER IN CALL CENTERS



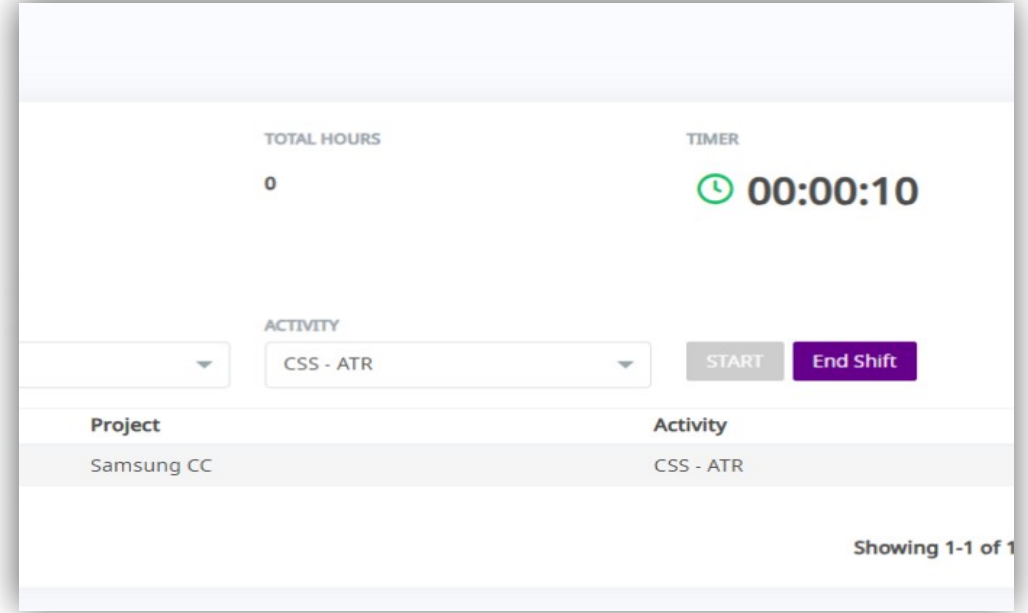
## CLIENT

- Client offers technical & customer support to various companies and government organizations across the world.
- During the pandemic, client worked closely with the Government by managing their support calls related to Covid-19.
- Thoughtline Digital took the challenge to deliver the business solution which was the need of the hour for the client.



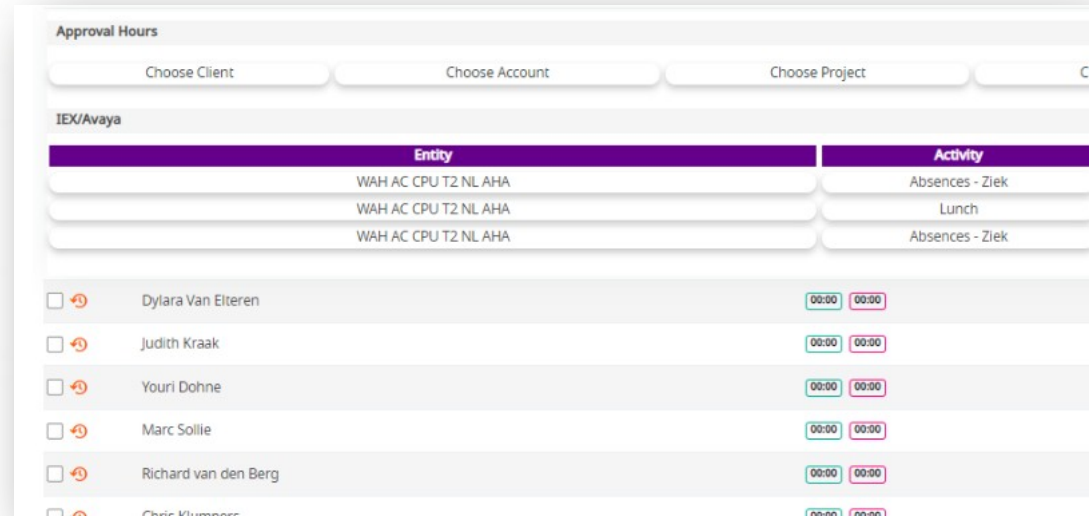
## CHALLENGES

- To address surge in call flow from people (during Covid -19), unexpected work restrictions & dependency on third parties/ contractors was affecting daily operations.
- Monitoring Inefficiency–Client had no mechanism to cross verify actual work hours of employees (during pandemic), which affected their remuneration process.
- Independent Data – Data from three different sources had to be integrated to get a consolidated picture of actuals.



## THE SOLUTION

- Solution is capable of handling more than 50,000 + user logins at a time, ensuring high level of security.
- Application automated data collation from already used third party software, two independent telephony systems using seamless API Integration.
- API integration to retrieve data from existing 3rd party application.
- Supervisors/ Admins were able to detect the deviation between actual work hours vs planned, resulting in actual Billing Hours.
- Accurate information on Billing Hours resulted in rightful payments to the agents/ contractors.

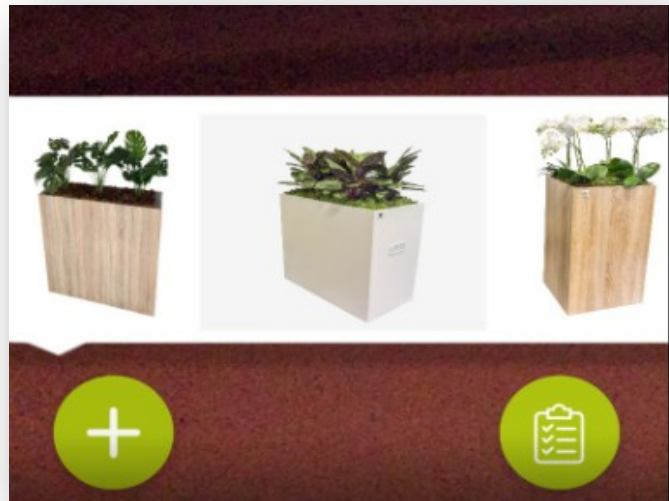


# AR-based Air Purifier Placement & Marketing System

Customer is the manufacturer of an aesthetic air purifier, with an inbuilt planter. With an option to use variants of artificial plants to choose from for the planter was the Unique Selling Proposition.

## CHALLENGES

The physical size of the product restricted customer from demonstrating key USPs to their prospects. Even the normal marketing collaterals (Brochures, Flyers) were not helping client to convey the intended message to their prospects. Customer wanted to stand apart from the crowd by leveraging technology to increase product promotion and sales.



## SOLUTION

Thoughtline Digital built a customized mobile & web application which incorporated Augmented Reality to help our customer improve value proposition and boost sales.

- Unity was used to build the application (available in iOS and Android).
- Augmented Reality feature allowed prospects to virtually interact with the product by :-
  - Visualizing the product at their office space, helped prospect to identify ideal space where purifier could be kept in future.
  - Prospects were also able to choose the artificial plants for the complementary planter, best suiting their office ambience.