

October 25, 2022

A PLATFORM TO CONNECT AMATEUR MUSICIANS

Client: Dansk Amatørorquester Samvirke

Purpose: Connecting amateur musicians with orchestras to play classical music

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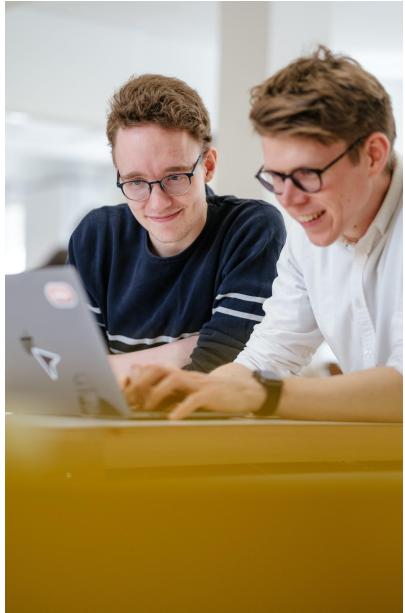
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ABOUT US





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WE GIVE CHANGEMAKERS DIGITAL SUPERPOWERS

Kvalifik is a digital innovation agency based in Copenhagen. Since 2015, we have helped startup companies, NGO's and corporates realize their digital ambitions in the form of websites, web platforms and apps. We do this with agile development methods, modern web technologies in the toolbox and a constant focus on the value that we build has for the users in the end.

A DIVERSE TEAM OF DEVELOPERS, DESIGNERS AND STRATEGISTS GIVING CHANGE MAKERS DIGITAL SUPERPOWERS



SOME OF THE AMBITIOUS ORGANISATIONS WE WORK WITH



BØRNS
VILKÅR



Danica | Pension



Akademiker
Pension

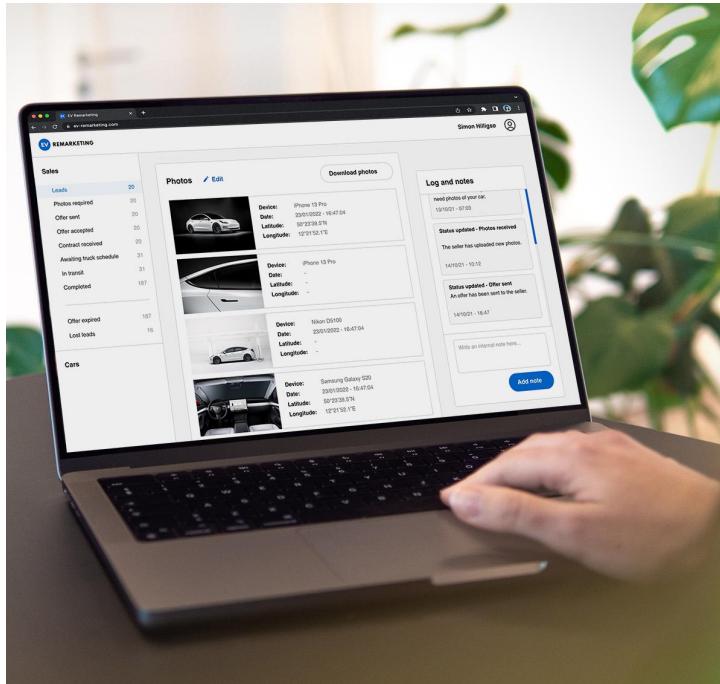


MØBLER
— MIDDLEFART —

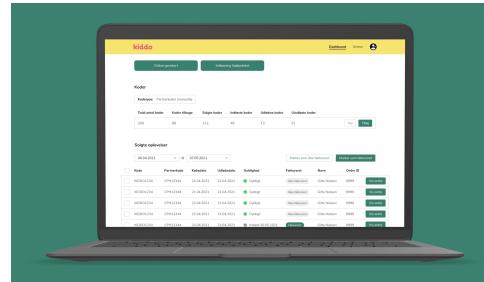
MODU®

#2 About us_

A SELECTION OF THINGS WE HAVE DONE IN THE PREVIOUS



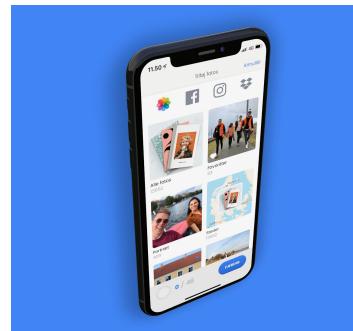
EV Remarketing platform



Kiddo automation of gift cards



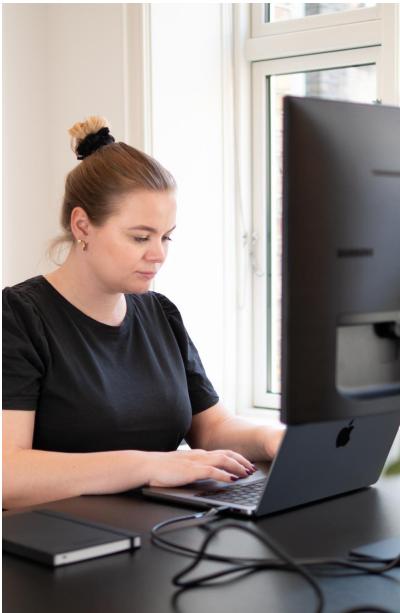
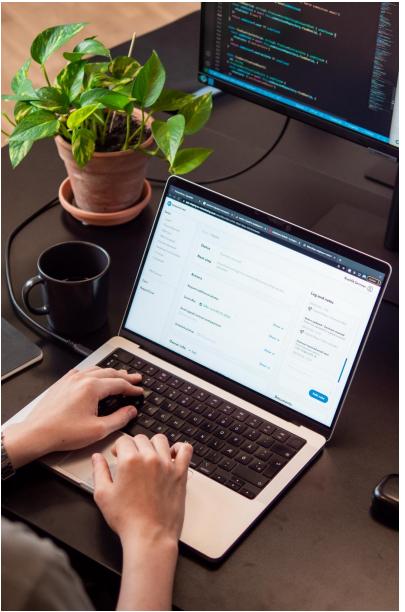
Wavecare software



Underbook app



CBS Students - Student Life app



#2 Access_

WE START BY BUILDING WHAT PROVIDES THE MOST VALUE SO WE CAN QUICKLY TEST WITH REAL USERS

We practice agile development, where we continuously deliver working software in small chunks. It makes it possible for users and partners to continuously test the solution and for us to get data from real users that can guide the development. In this way, we can validate the underlying hypotheses early on and change direction as we become wiser. It reduces risk and ensures that we not only develop it the right way - but also develop the right thing. And that the solution is ultimately user-friendly and attractive for both end users and partners.



#3 Process_

DEVELOPMENT SPRINT IN CLOSE COOPERATION

We work in sprints, based on a structured and prioritized backlog with user stories that describe a need for a user type. After each development sprint, which typically lasts two weeks, we demonstrate working code.

When we develop apps, we put together a team with you with a product owner, a product manager and a set of competence holders, typically full-stack developers and a UX designer. We ensure that you are well prepared for the role of product owner and the agile working method through material we have developed together with a teacher from IT University.

Each development sprint consists of 4 types of meetings, as described on the next slide.

THE 4 MEETINGS IN AGILE

1

Sprint planning

At the sprint planning meeting, we decide on what we need to focus on during the upcoming sprint. All tasks are prioritized according to how long they take and how much value we or the users think they provide.

2

Stand-up meetings

To ensure that we are developing in the right direction and that unforeseen problems are identified quickly, we hold short 10-minute meetings a few times a week where people review their work tasks and clarify any questions.

3

Review meeting

At the review meetings, we present the results of the sprint either on a physical screen or by screen sharing. The purpose is to show working software, so that we constantly focus on completing the most important tasks and do not have too many tasks that are "in progress".

4

Retrospective meeting

There is no perfect process – and we don't believe in one size fits all. Part of both Lean and Agile is to constantly identify the things in the process that can be improved. In regular retrospectives, we ensure that we optimize the way we work together. Nothing else is actually worth it.

#1

THE CASE CHALLENGE





#3 Proces_

A PLATFORM TO CONNECT CLASSICAL MUSICIANS

Dansk Amatørorkestor Samvirke (Danish Association of Amateur Orchestras) want to make it easy for young amateur musicians to find someone to play classical music with and make it easier for the orchestras to recruit new musicians.

They came to us and asked for a “GoMore” for musicians - a two-sided matchmaking platform. It is now your task to create the platform. We have created a design, but you are also welcome to go beyond this design.

#1 Requirements_

As a musician, i want to find a classical amateur orchester to play in.

As a orchester, we want to find musicians to play the instruments we're missing.

As a musician, i want to filter between orchestras seeking a specific instrument

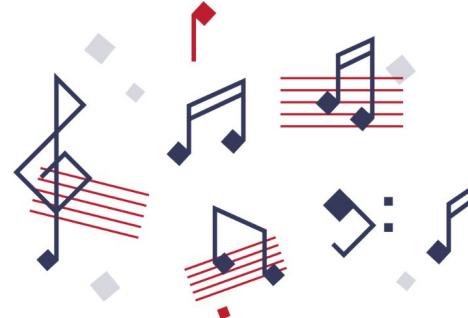
#2 Our solution_

Musik Samspil
Skabt af DAOS - Dansk Amatørorkester Samvirke

Opslag Profil Opret bruger Log ind

Stedet hvor amatørmusikere finder hinanden og spiller musik sammen

Vælg instrument ▾ Se opslag



<https://xd.adobe.com/view/503c4748-28be-4514-82bc-e0ac0de9f9f2-056f/screen/98b63ecf-0834-4991-9e68-adff909e695a/>

#2 Our solution_

Musik Samspl
Skabt af DAOS - Dansk Amatørorkester Samvirke

[Opslag](#) [Profil](#) [Opret bruger](#) [Log ind](#)

Opslag

37 opslag fundet

Søg 🔍

[Alle](#) [Find musikere](#) [Find ensembler](#)

Instrument [Ryd](#)

Violin ▼

Område [Ryd](#)

📍 By, postnr. eller adresse

Afstand 50 km

Violinist søges som afløser til C. Debussy projekt med orkester i Århus
Aarhus Amatørsymfoniorkester
Violin

Violinist søger en klarinetspiller til et experimentelt duoprojekt
Violin + Klarinet duo
Klarinet

Vi mangler en trompetspiller
Sønderjyllands Amatørsymfonie
Trompet

#2 Our solution_

The image displays two screenshots of the 'Musik Samspl' website, illustrating the user interface for creating and viewing job postings.

Screenshot 1: Opret opslag (Create Post)

This screenshot shows the form for creating a new post:

- Title:** A text input field labeled "Titel (max 120 karakterer)".
- Opslug type:** A section with the text "Vælg om du **spiller** på et instrument, eller om du **søger** en der spiller instrumentet." followed by two radio button options:
 - Jeg spiller på...
 - Jeg søger en der spiller på...
- Instrument:** A dropdown menu labeled "Vælg instrument".
- Beskrivelse:** A section with the text "Her kan du beskrive detaljer om hvad eller hvem du søger med dette opslag. Klik på spørgsmålstegnet hvis du har brug for hjælp." and a text input field "Skriv en beskrivelse ...".

Screenshot 2: View of the posted job

This screenshot shows the details of a posted job:

- Musik Samspl** logo and "Skabt af DAOS - Dansk Amatørorkester Samvirke".
- Tilbage** (Back) button.
- Job Title:** "Violinist søges som afløser til C. Debussy projekt med orkester i Århus".
- Date:** "Opslag oprettet 13. august 2020".
- Location:** "Aarhus Amatørsymfoniorkester" and "8100 Aarhus C".
- Kontakt** (Contact) button.
- Rapporter opslug** (Report post) button.
- Instrument:** "Violin (søges)".
- Beskrivelse:** "Vi står og mangler en violinist til fremførelsen af 'En fauns eftermiddag' den 31. august. Stykket opføres i Lille Sal i Musikhuset Århus. Kontakt os hurtigst muligt hvis det har interesse."

DAOS - Version 1 |

Landing

Pop-up – O...

Log ind

Opret Profil

Opret Profil...

Profil – Uko...

Profil – Kom...

Profil – Inds...

Indstiller...

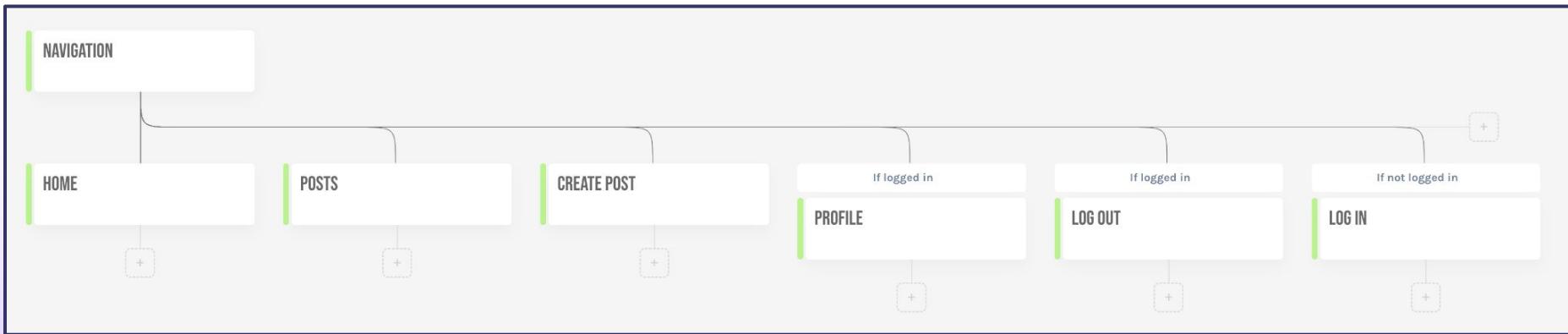
#3

INFRASTRUCTURE



#3 Infrastructure_

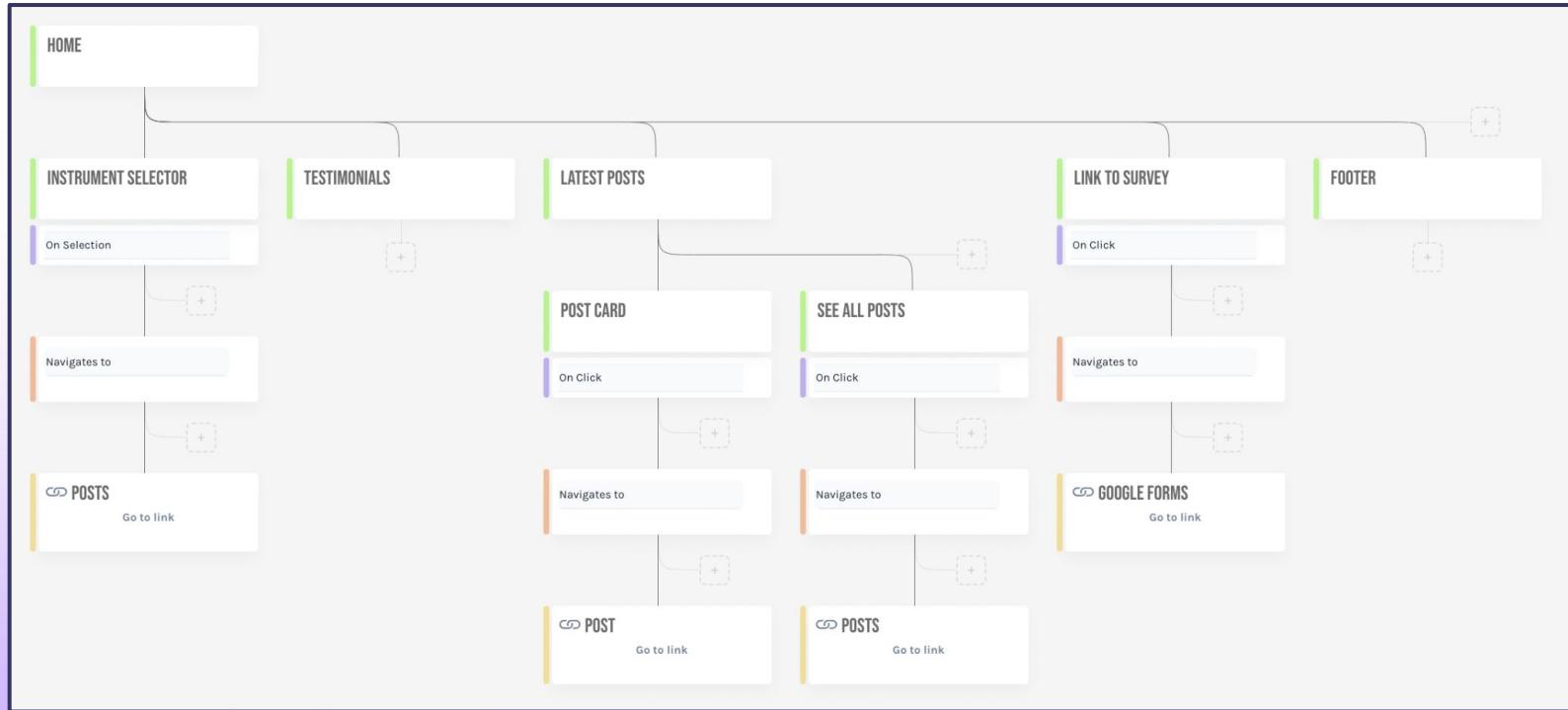
NAVIGATION



<https://tutti.daos.dk/>

#3 Infrastructure_

HOME



#4 Technologies_

THE TECHNOLOGIES WE USED

Frontend

NextJS

Chakra UI

NextAuth

Formik

GraphQL (Apollo Client)

Backend

NestJS

GraphQL

TypeORM (Postgres DB)

Postmark

Cloud

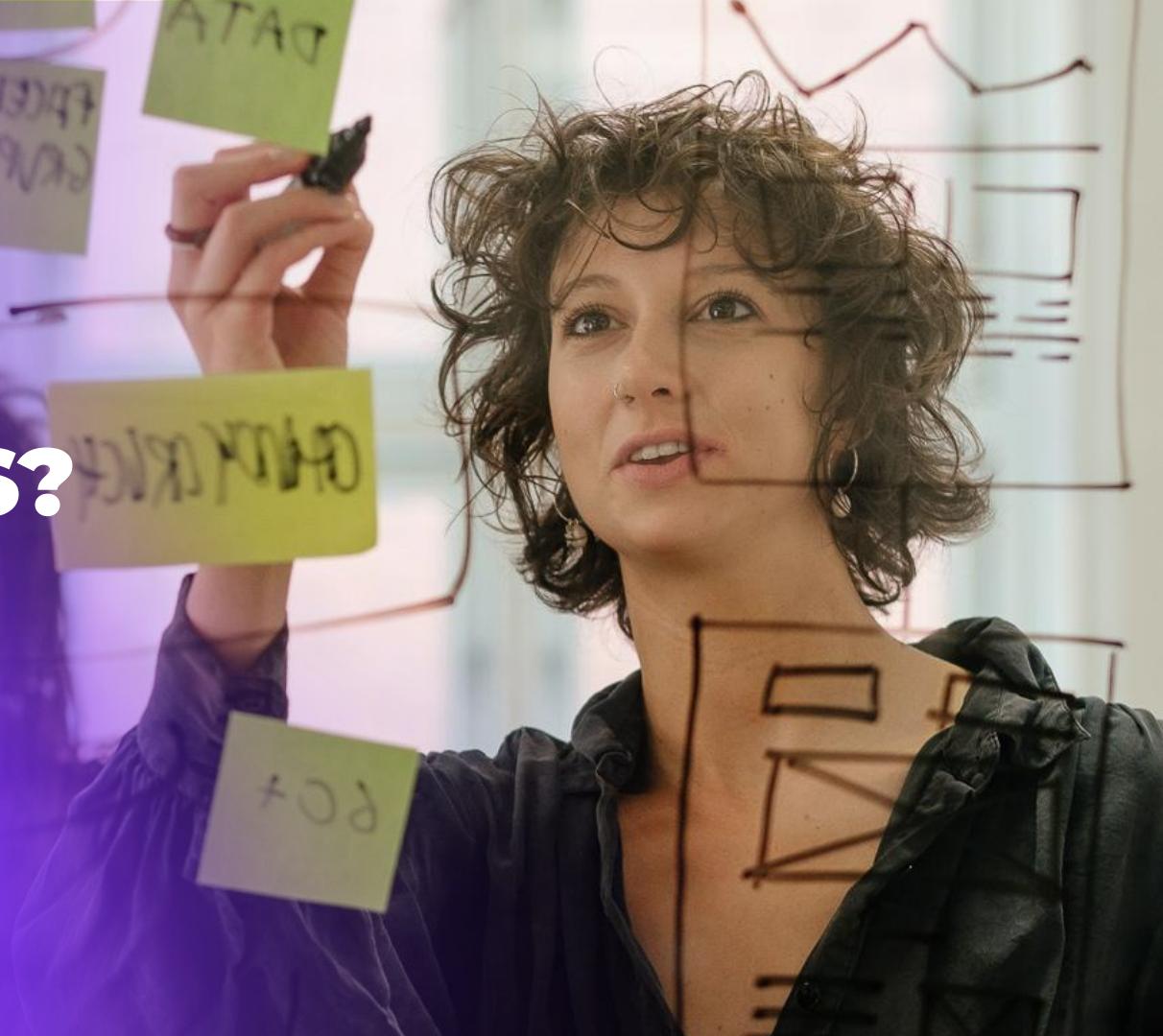
Google Cloud Run

Google SQL

Google Container registry

#4

QUESTIONS?



kvalifik