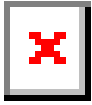


Beyond Web App

Web app for our beyond Service

www.service-beyond.de



Installation

I use git lfs for large binary files like images and other media
install <https://git-lfs.github.com/>

git clone link_to_repository

install dependencies and run server

```
cd app
npm install
npm run dev -- --open
```

create your theme files with smui-theme > `npx smui-theme template src/theme`

Whenever you add a new SMUI package, run > `npm run prepare` again to rebuild your CSS file with the new component's styles included.

VS Code extensions

These extensions are necessary

- German - Code Spell Checker
- HTML CSS Support
- Svelte for VS Code
- Svelte 3 Snippets
- Tailwind CSS IntelliSense
- Markdown Preview Mermaid Support
- Mermaid Markdown Syntax Highlighting
- deno
- github copilot
- Node.js Notebooks (REPL)

Usage

How to do Icons

choose icon from here <https://materialdesignicons.com/>
and import it in the script as follows

```
import { mdiMenu } from '@mdi/js';  
import { Svg } from '@smui/common/elements';  
import { Icon } from '@smui/common';
```

and then:

```
<Icon component={Svg} viewBox="0 0 24 24" width="20px" height="20px">  
  <path fill="currentColor" d={mdiMenu} />  
</Icon>
```

setup supabase

<https://supabase.com/docs/guides/cli>

first you may need to install scoop
it is a command line installer for windows
<https://scoop.sh/>

```
irm get.scoop.sh | iex
```

then install supabase

```
scoop bucket add supabase https://github.com/supabase/scoop-bucket.git  
scoop install supabase
```

then you have to link your cli to your supabase project

```
supabase link --project-ref cpoebtwvzcrewfytfad --password here-is-your-database-  
password
```

maybe also login to supabase with your cli token

```
supabase login
```

generate typescript types for supabase

```
supabase gen types typescript --linked --schema public > supabase/types/supabase.ts
```

supabase edge functions

For this to work some stuff needs to be installed and set up:

- docker
<https://www.docker.com/products/docker-desktop/>
- deno (language server)
<https://deno.land/#installation>
- setup deno extension in vs code
run the Deno: Initialize Workspace Configuration command.

usage

```
supabase functions -h
```

```
delete  Delete a Function from Supabase
deploy  Deploy a Function to Supabase
new     Create a new Function locally
serve   Serve a Function locally
```

```
supabase start
```

to start the local supabase docker server

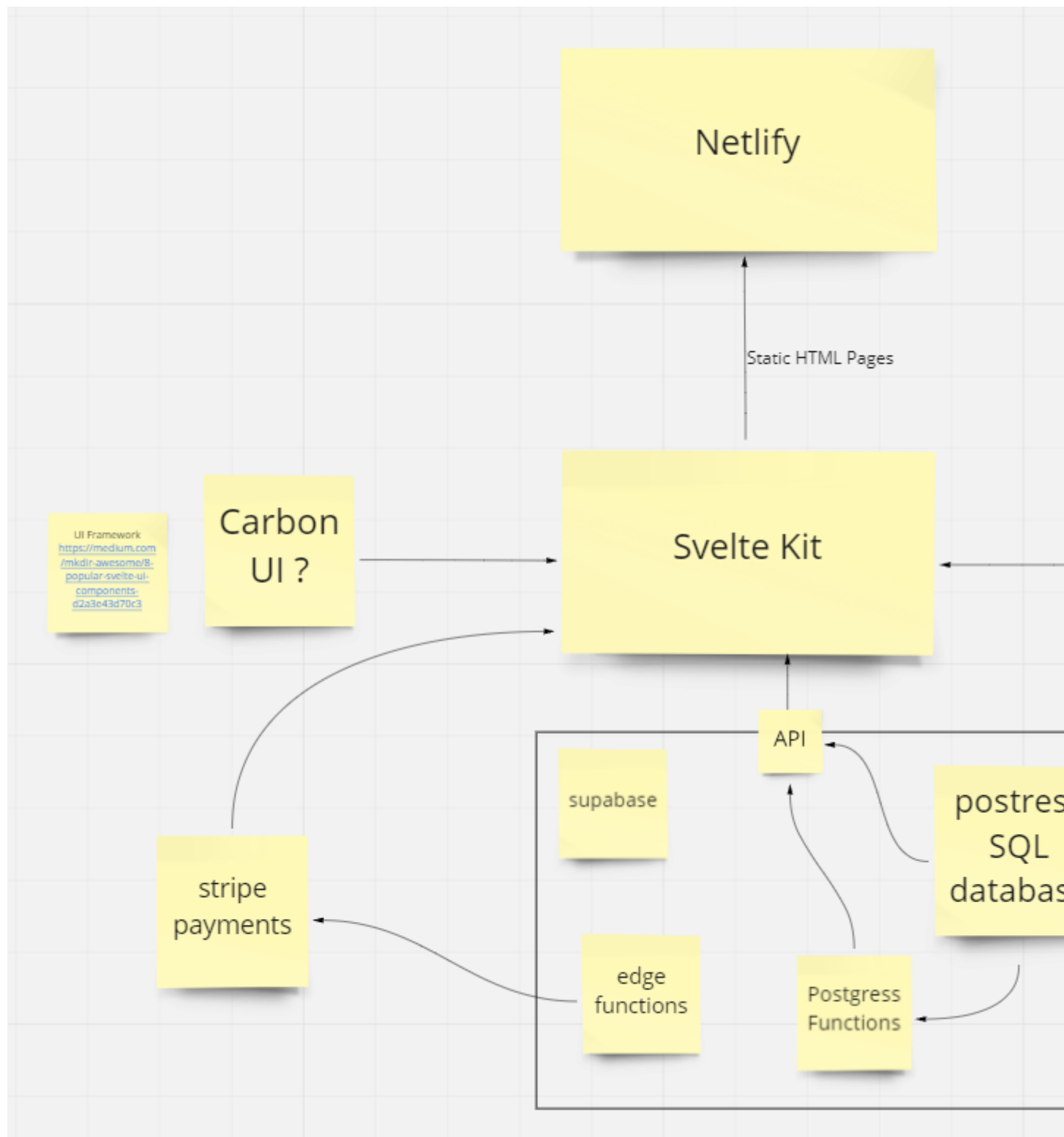
material UI colors

need to be set in src/variables.scss and src/theme/_smui-theme.scss



Architecture

initial architecture idea



Actually for now, we dont need any external data storage
notion cms is replaced by a mermaid flowchart in the markdown file

mermaid flowchart

if no diagram is shown, please install the mermaid extension for vs code

```
graph BT
    sk[Svelte Kit]
    netlify[Netlify]
    subgraph supabase
        direction LR
        edge[Edge Functions]
        s-storage[document Storage]
        s-db[Postgress Database]
        client[Client API]
        auth[Auth]
    end

    subgraph cms
        direction LR
        cmsq[Questions and options\n are written in\n a mermaid flowchart\n in\n Testamentgenerator.md]
    end

    subgraph styling
        direction LR
        smui[Material UI]
        tailwind[Tailwind]
    end

    styling --> sk
    sk --compile to static html and js --> netlify
    client --> supabase
    client --> sk
    cmsq --> sk
    s-storage --> client
    auth --> client
    s-db --> client
    edge --> client
    edge --> s-storage
    edge --> s-db
    edge --> auth
```

Database structure

if no diagram is shown, please install the mermaid extension for vs code

```
classDiagram
    Document <|-- User
    Questions <|-- User
```

```

class User {
  +id: string
  +email: string
  +password: string
  +name: string
  +surname: string
  +phone: string
  +address: string
  +city: string
  +zip: string
  +country: string
  +documents: Document[]
}
class Document {
  +id: string
  +name: string
  +type: string
  +url: string
  +user: User
}
class Question_Answers {
  +id: string
  +user: User
  +answer_option: int
  +created_at: timestamp
  +updated_at: timestamp
}

```

What Views should my database generate?

answers of a User

question_id	answer_option
q-id	0
q-id	1
q-id	0
q-id	null

netlify

hosts static files (js, html, css, images, media)

sveltekit

Startet with the SvelteKit demo app (simple ToDo app)

Typescript - Yes

ESLint - Yes

Prettier - Yes

Playwright - Yes

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copilot is actually pretty good



developement Journey

install sveltekit

<https://kit.svelte.dev/>

Startet with the SvelteKit demo app (simple ToDo app)

Typescript - Yes

ESLint - Yes

Prettier - Yes

Playwright - Yes

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setup static adapter

<https://github.com/sveltejs/kit/tree/master/packages/adapter-static>
`npm i -D @sveltejs/adapter-static`

deploy with netlify

very easy
just specify the base dir as "app/"
thats it....
build time for the sceleton app with routes and an image. **Build time:** 16s

setup git LFS

<https://git-lfs.github.com/>

I found out, that it actually works with netlify even though, i couldnt find any posts online, that suggest so

I did NOT use netlify Large Media

error when deploying

deploying only works when I manually use "clear cache and retry deploy"
there is a fix available

<https://answers.netlify.com/t/builds-fail-after-new-commit-to-git-lfs/1362>

set environment variable: <https://docs.netlify.com/configure-builds/environment-variables/#netlify-configuration-variables>

The following variables should be set in the Netlify UI rather than in netlify.toml. This is because the Netlify configuration file is read after your repository has been cloned.

GIT_LFS_ENABLED: value that is undefined by default. If set, we'll use git lfs clone to check out your repository — otherwise we use git clone.

try out reusable components and routing

<https://www.youtube.com/watch?v=5IajHJULs5I&list=PL4cUxeGkcC9hpM9ARM59Ve3jqcb54dqiP&index=5>

check out UI Framworks

<https://www.youtube.com/watch?v=RkD88ARvucM>

link our custom domain

we want app.service-beyond to be the domain
 use a cname https://fixed.net/blog/cname-a-record-difference?gclid=Cj0KCCQjwxb2XBhDBARIsAOjDZ35IOSvvas90sGRQxwRdl2JdNpHchOk4aZDuKQuKyPsQM07DaCESfr0aAq98EALw_wcB
 setting up cname on Google cloud DNS was very easy.
 it took affect instantly
 setting up ssl certificate took just 1 click on netlify.
 it worked after (less then) 2 min

Evaluate UI Library

Library	link	note	gitHub Stars
Svelte UI	link	very barebones	
Attractions	link	very barebones	
Smelt	link	Smelte is a UI framework built on top of Svelte and Tailwind CSS using Material Design spec	1.3k
SMUI	link		2.6k
Svelterial	link		
Svelma	link		152
Svelte Strap	link		
Svelte Atoms	link		
Agnostic UI	link		
Framework 7	link		

Trello Aufgaben überlegen

<https://svelte.dev/tutorial/basics>

migrate Sveltekit

<https://github.com/sveltejs/kit/discussions/5774>

one fix was needed

<https://github.com/sveltejs/svelte-preprocess>

setup SMUI

<https://sveltematerialui.com/SVELTEKIT.md>

one Issue due to the new sveltekit version needed to be fixed.

<https://github.com/hperrin/svelte-material-ui/issues/507>

Learn SCSS and SASS

<https://www.youtube.com/watch?v=Zz6eOVaaell>

<https://www.youtube.com/watch?v=TymGwiNMIh0&t=389s>

figure out and setup icons

<https://youtu.be/OyjZ7dezADw?t=859>

<https://materialdesignicons.com/>

`npm i -D @mdi/js`

scss thing was not working

`@use 'smui-theme';` had to be put in some scss thing.

There was one thing missing in the `npm run prepare` script

```
"site-light": "sass --no-source-map -I src/theme -I node_modules -I ../smui-theme/node_modules -I ../../node_modules src/site.scss static/site.css"
```

setup tailwind

with <https://github.com/svelte-add/tailwindcss>

reset css styles

user agent stylesheet is annoying me

i copied the reset style thing from <https://github.com/filipelinhares/ress>

into my scss

and added some resets for the `<a>` element

stupid links are draggable and mess with dem being able to be clicked.

that is stupid

fixed it with this css in my reset.scss

from <https://github.com/hammerjs/hammer.js/issues/641#issuecomment-397554017>

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make the footer stick to bottom

<https://www.youtube.com/watch?v=yc2olxLgKLk&t=143s>

try out the official tailwind installation, to fix bug

<https://tailwindcss.com/docs/guides/sveltekit>

but it didnt change anything

check out supabase ui

<https://ui.supabase.io/components/auth>

<https://github.com/supabase-community/supabase-ui-svelte>

But this is not really customizable and kinda wierd and kinda ugly
so, ... no thank you.

do auth based on the supabase-js documentation

make sure you use the v2 version

<https://supabase.com/docs/reference/javascript/>

connect supabase with my email server (mail.zoho.eu)

It just worked! first try! I am in disbelief!

<https://www.zoho.com/zeptomail/help/smtp-api.html#alink1>

SMTP Hostname is smtp.zoho.eu

Port number is 465

SMTP username is email

SMTP password is password

I also decreased delay and increased the rate limit, because

Zoho probably has solid servers I guess...

Also all of this is somehow free?

stupid problem with supabase auth.

I can not signOut() There are still cookies left in the browser.

sb-refresh-token 2ZvVVGcpuMJjc-mOAUxXqA

sb-access-token jwt Token

User is thus still not really signed out.

signOut Docs

Inside a browser context, signOut() will remove the logged in user from the browser session and log them out - removing all items from localStorage and then trigger a "SIGNED_OUT" event.

I cant manually delete the cookie, because it is from the supabase domain.

setup protected route with svelte await blocks

<https://svelte.dev/tutorial/await-blocks>

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implement static optimized tailwind for production

<https://tailwindcss.com/docs/optimizing-for-production>

with this we dont need the @tailwind utilities and @tailwind components thing
but for local developement we still want to use it, because else we have to recompile the tailwind
everytime we add a new class.

make the password field have the correct type and have hidden characters

i used a checkbox and some svelte interactivity

Create the Questionnaire from a Human Readable and editable
flow chart

This document was truncated here because it was created in the Evaluation Mode.



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