

STUDIEPRAKTIK

MULTIMEDIEDESIGNER

ERHVERVSAKADEMI AARHUS
BUSINESS ACADEMY AARHUS



A close-up portrait of a young woman with long, wavy blonde hair. She is smiling warmly at the camera, showing her teeth. Her eyes are light-colored. The background is dark and slightly out of focus.

TAG EN VIDEREGÅENDE UDDANNELSE PÅ

ERHVERVSAKADEMI AARHUS
BUSINESS ACADEMY AARHUS

[youtube.com/watch?v=kVkmI-HcoU](https://www.youtube.com/watch?v=kVkmI-HcoU)

I kommer til at møde



Maria Louise Bendixen
mlbe@eaaa.dk

UX og Content



Marlene Ahlgreen Jensen
maj@eaaa.dk

Design



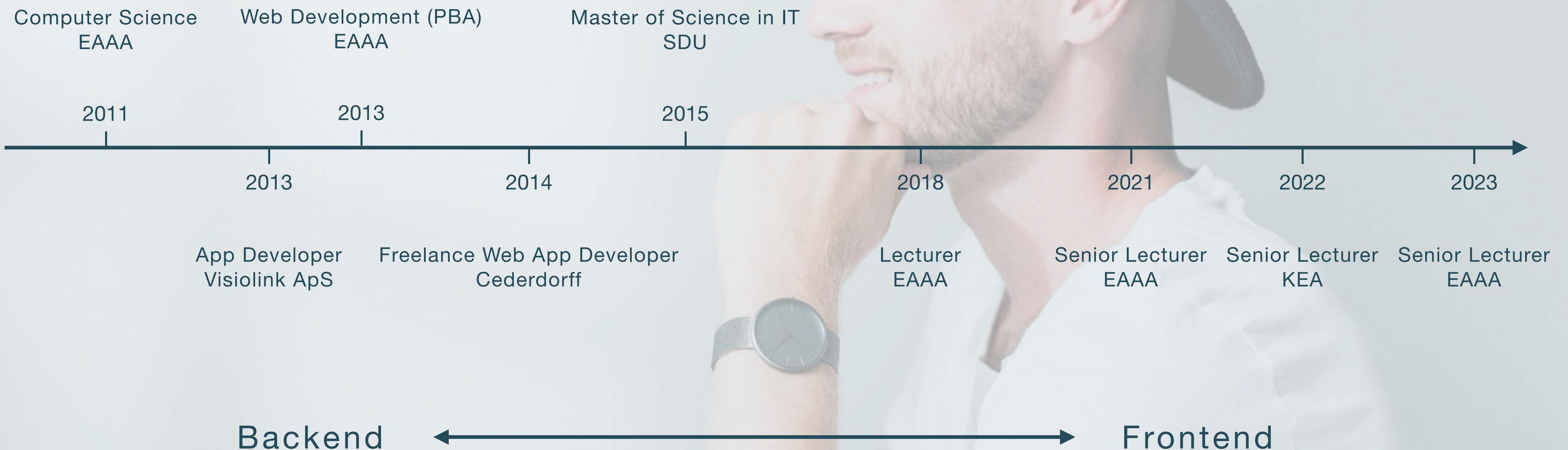
Rasmus Cederdorff
race@eaaa.dk

Programmering



I'm Rasmus Cederdorff (RACE)
Senior Lecturer
Freelance Web App Developer

- Programming with an eye for UI and UX.
- Web Development, JavaScript, React, BaaS & Node.js
- “I speak JavaScript”.
- Websites, Webshops, Web Apps, Mobile Apps, Server App and BaaS.





PROGRAM ONSDAG

- Godmorgen og Velkommen
- Introduktion til MDU & rundvisning
- Uddannelsens tekniske elementer
- Frokost
- Opstart af case
- Casearbejde



FRIVILLIG
AKTIVITET
ONSDAG

14.30: Rundtur i Aarhus C

Afslutning på Aarhus
Streetfood hvor
Erhvervsakademiet giver mad

Mødested: udenfor
indgangen Sønderhøj 30

- Design på MDU
- Casearbejde
- Frokost
- UX/UI på MDU ved
Maria Louise Bendixen
- Besøg af nuværende
studerende fra 3. semester
- Afrunding og præsentation
af casearbejde



E T G L I M T A F M D U



FORMÅL

... at stifte bekendskab med uddannelsen,
hvad en multimediedesigner er, og hvilke
værktøjer multimediedesigneren bruger

LOKATIONER



Erhvervsakademi Aarhus
Sønderhøj 30, 8260 Viby J

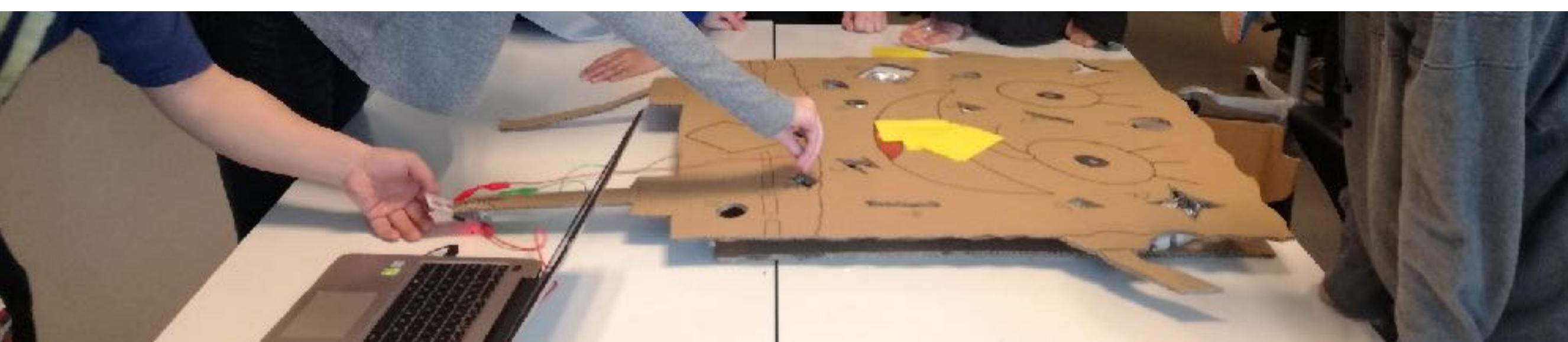
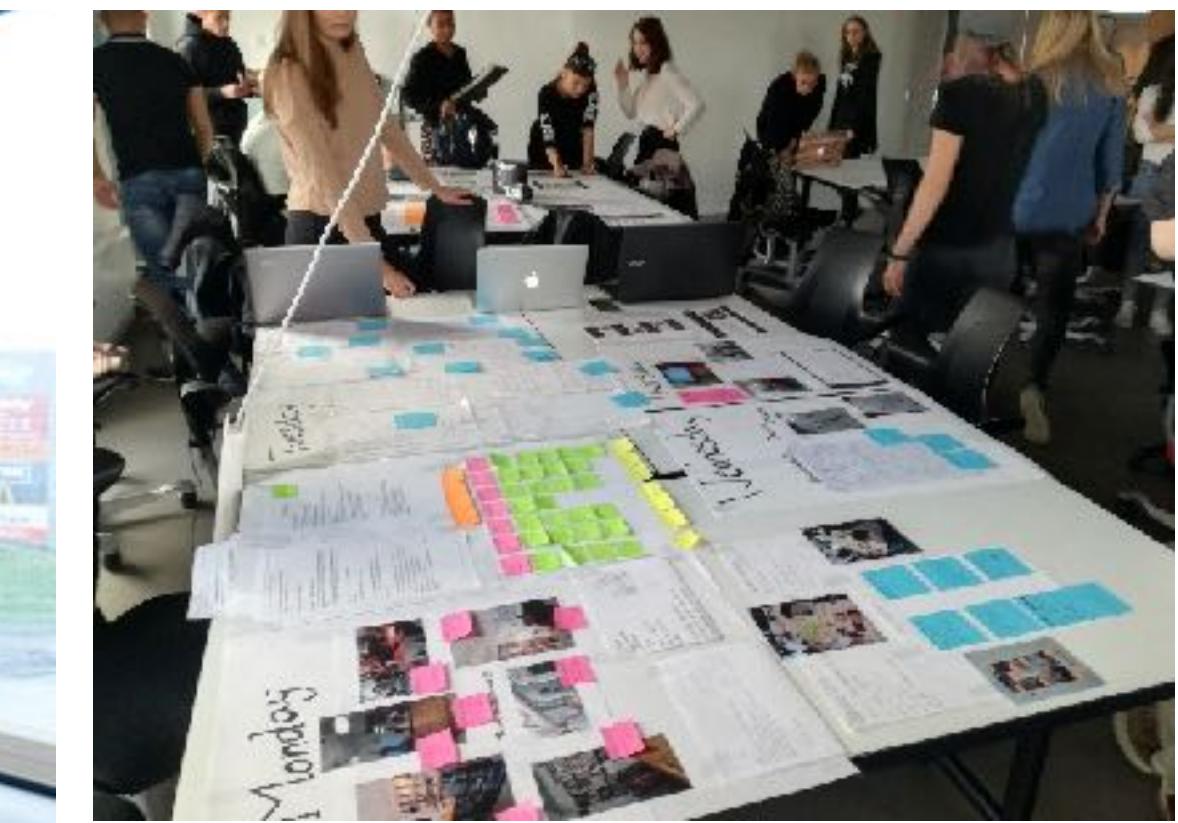


Erhvervsakademi Aarhus
Ringvej Syd 104, 8260 Viby J



Erhvervsakademi Aarhus
Sønderhøj 7G, 8260 Viby J







FACILITETER

- Basement & Tutoraktiviteter
- Bibliotek
- Boghandel - Factum Books
- Internationalt Kontor
- Kantine
- Karrierecenter – kurser og vejledning
- Samarbejde med erhvervslivet
- Studievejledning

MULTIMEDIEDESIGNERUDDANNELSEN

DESIGN & PROGRAMMERING

AF

DIGITALE BRUGERGRÆNSEFLADER & DIGITALT INDHOLD

MULTIMEDIEDESIGNERUDDANNELSEN

... UDVIKLING OG IMPLEMENTERING AF DIGITALE
BRUGEROLEVELSER, DIGITALT DESIGN OG
PROGRAMMERING

MULTIMEDIEDESIGNERUDDANNELSEN

... SKABE MULTIMEDIE PRODUKTIONER, DIGITALE
BRUGERGRÆNSEFLADER OG BRUGEROPLEVELSER I ALLE
AFSKYGNINGER

API

Data

Visueldesign

Web Apps

3D-oplevelser

SoMe

AR & VR

Webshops

Apps

Spil

Websites

Glem ikke... -10% på dit køb. Tilmeld dig her! ❤

VERO MODA

Søg



Nyheder

Tøj

Trending Now

AWARE

Curve & Plus Size

VERO MODA Girl

Ventetøj

SOMETHINGNEW

SALE

Most Wanted

VERO MODA Club

Party Season



NYHEDER

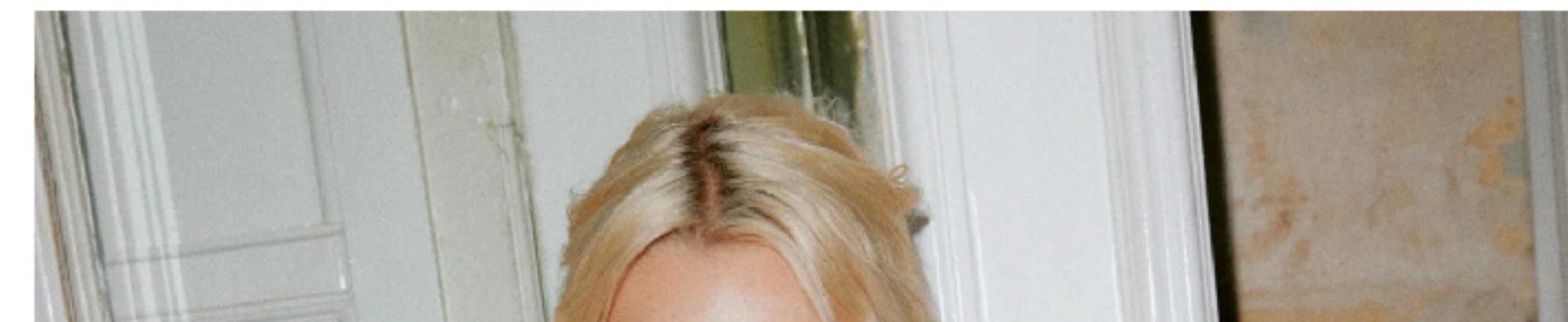
shop nu

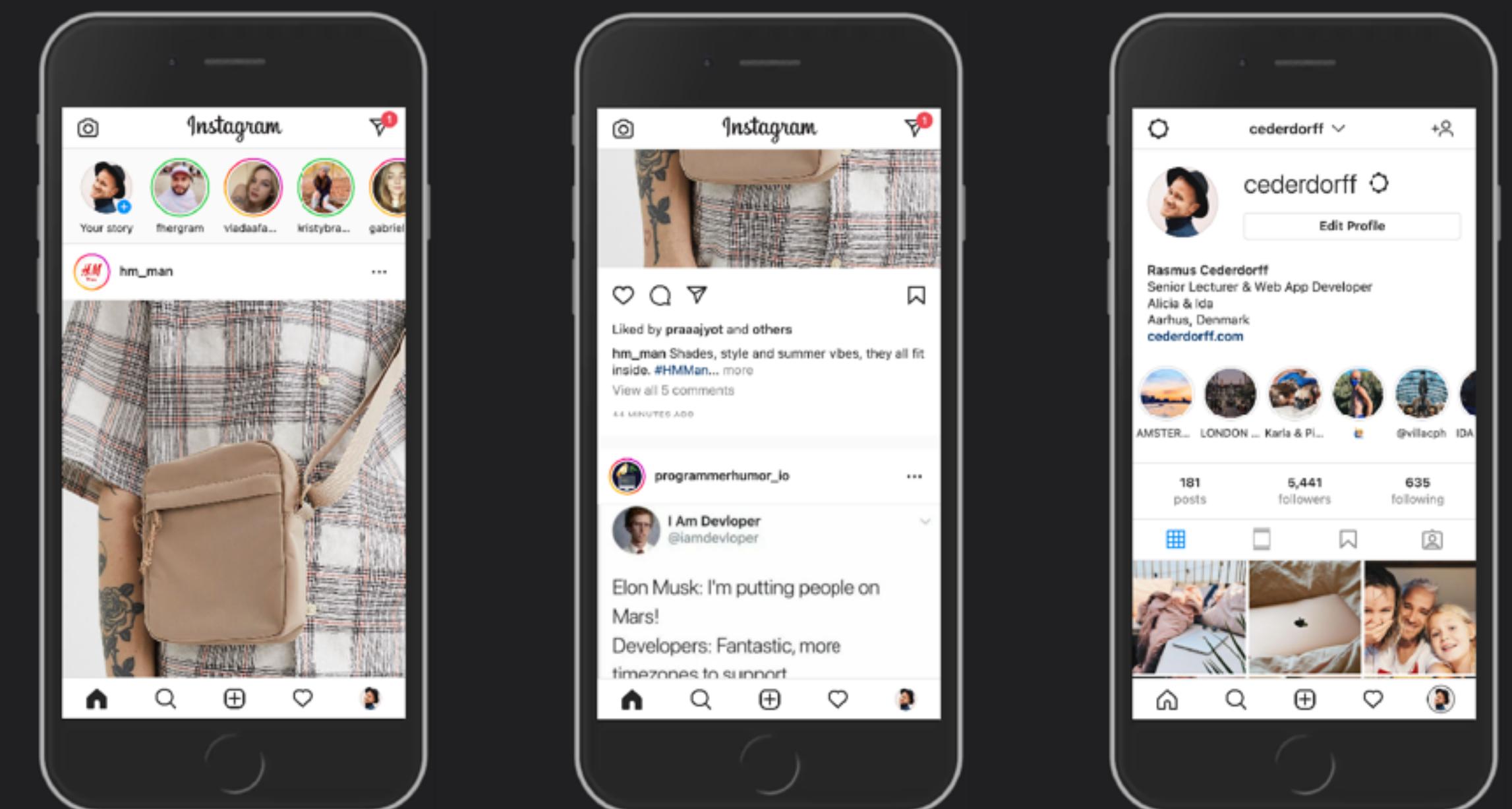
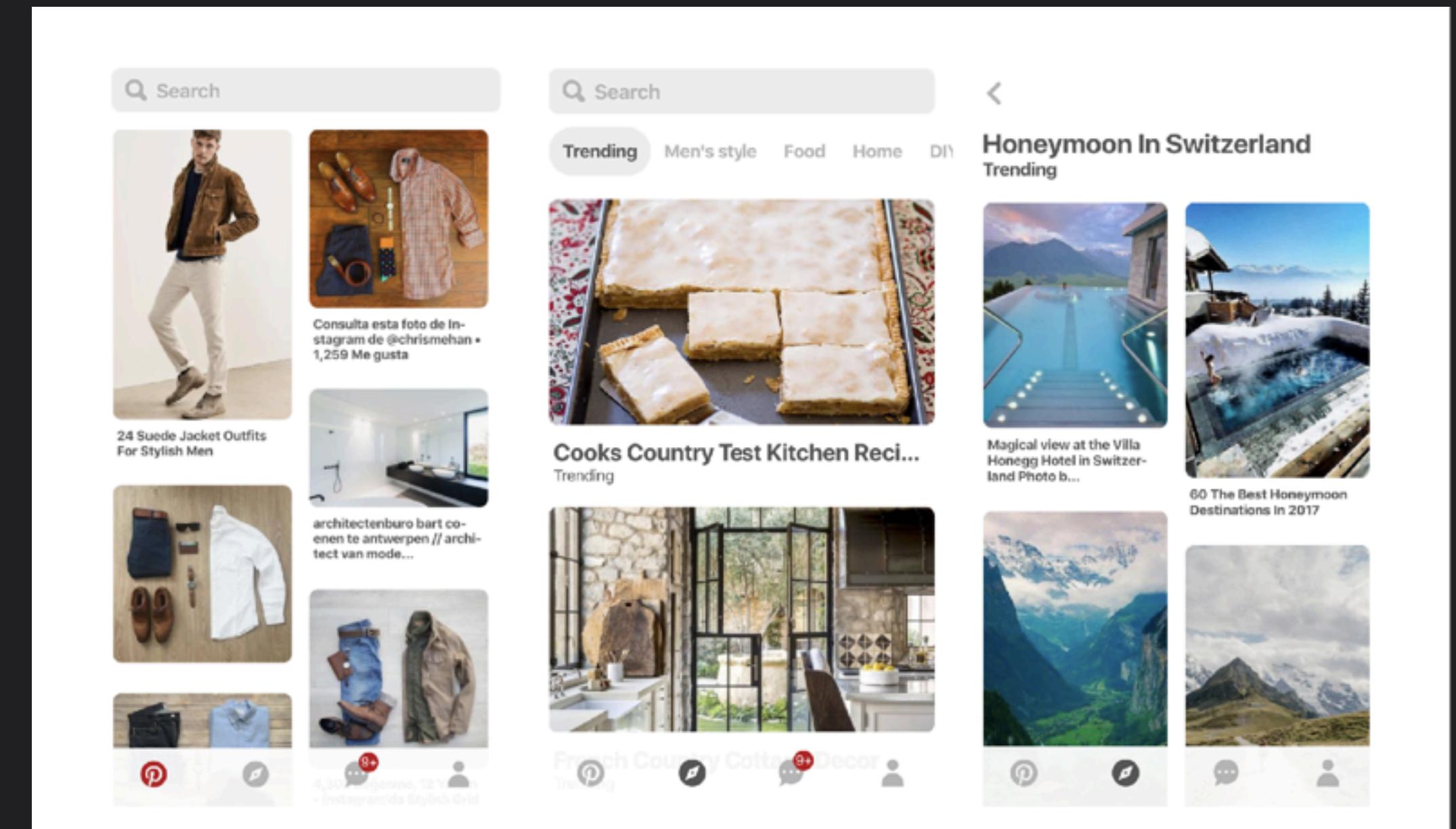
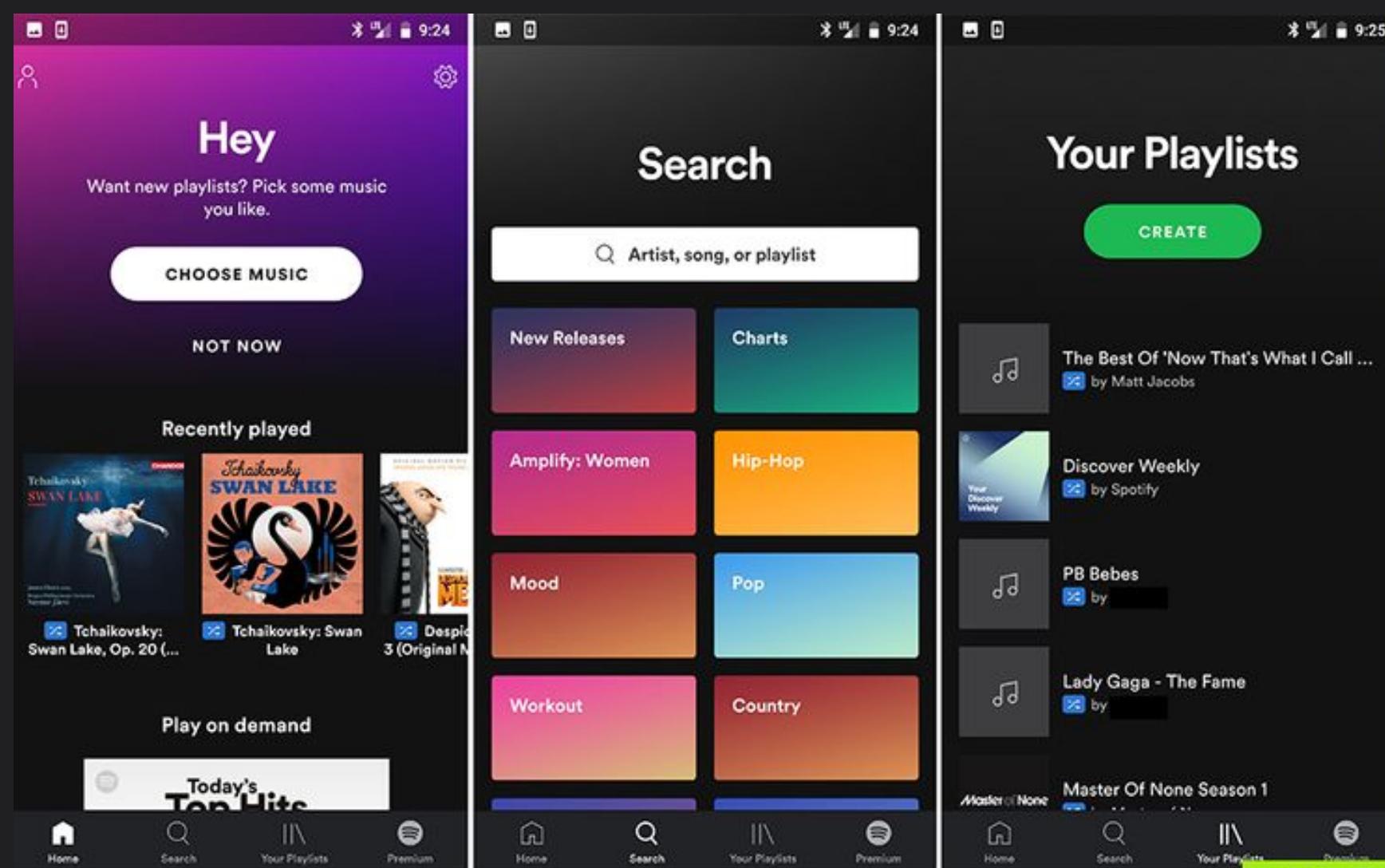
JAKKER

JEANS

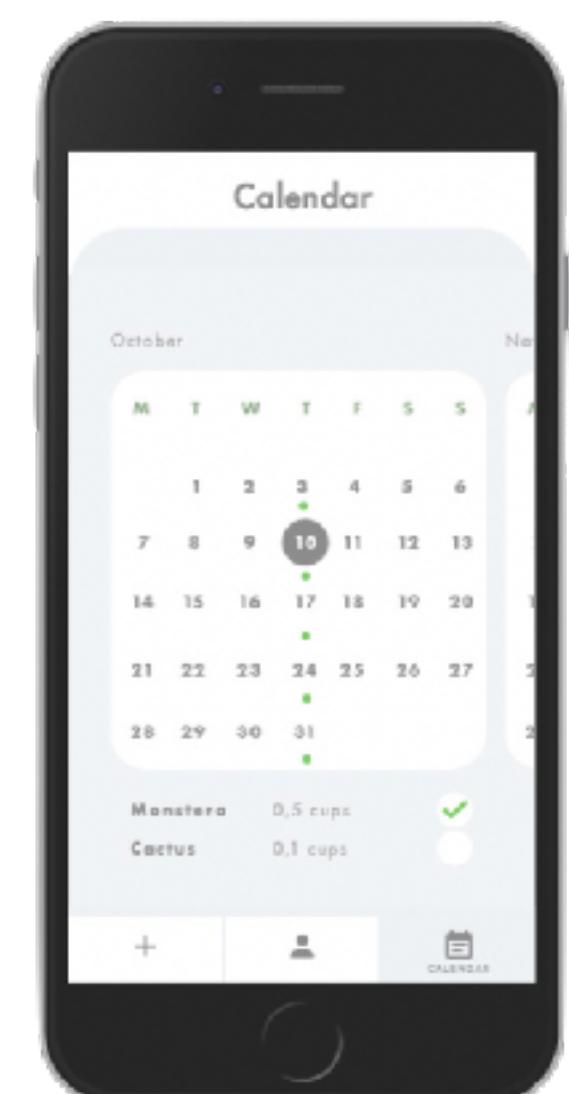
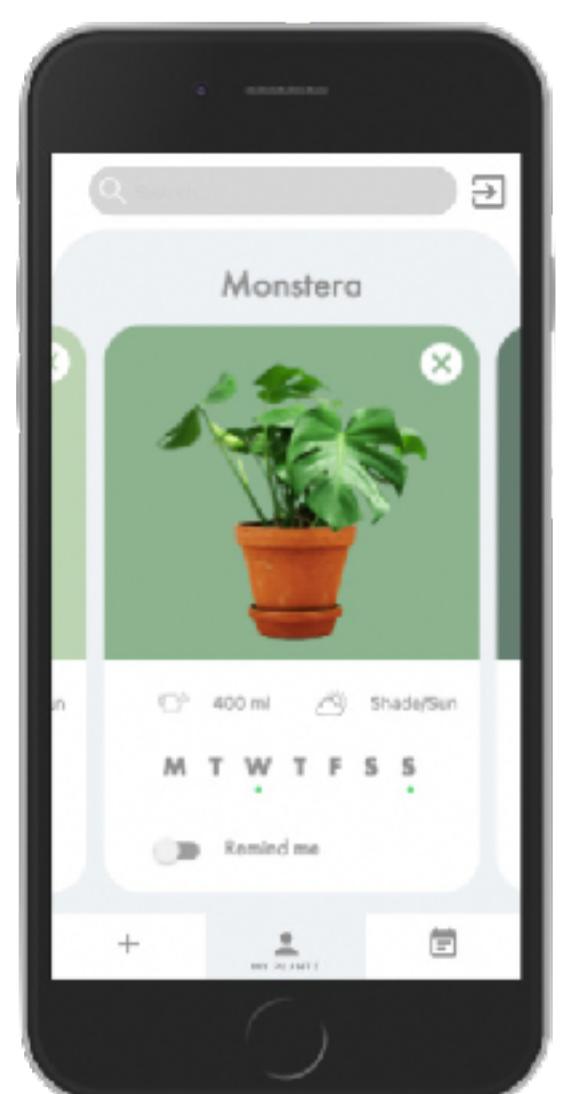
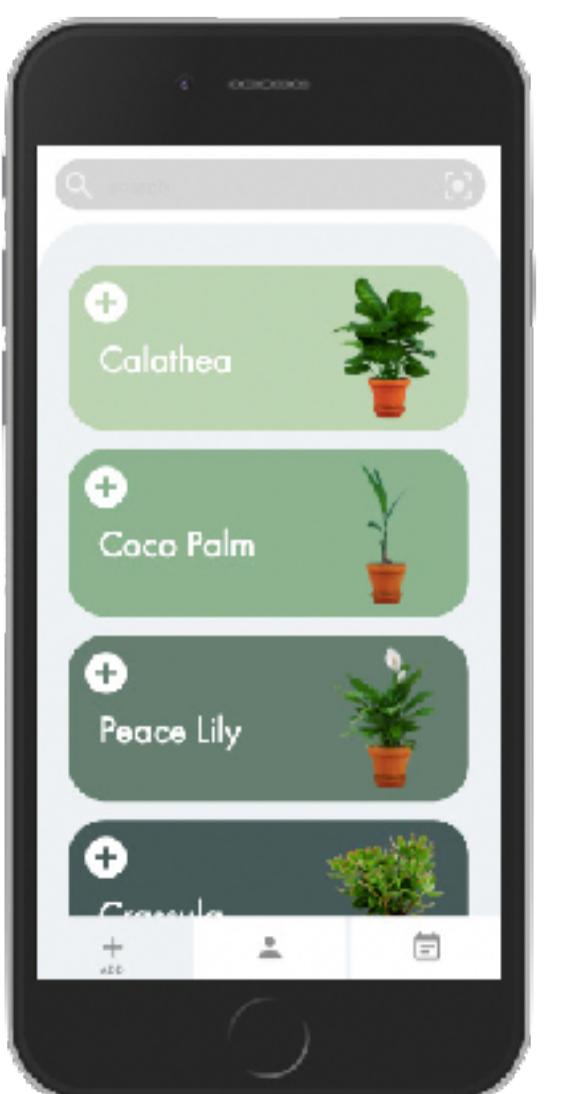
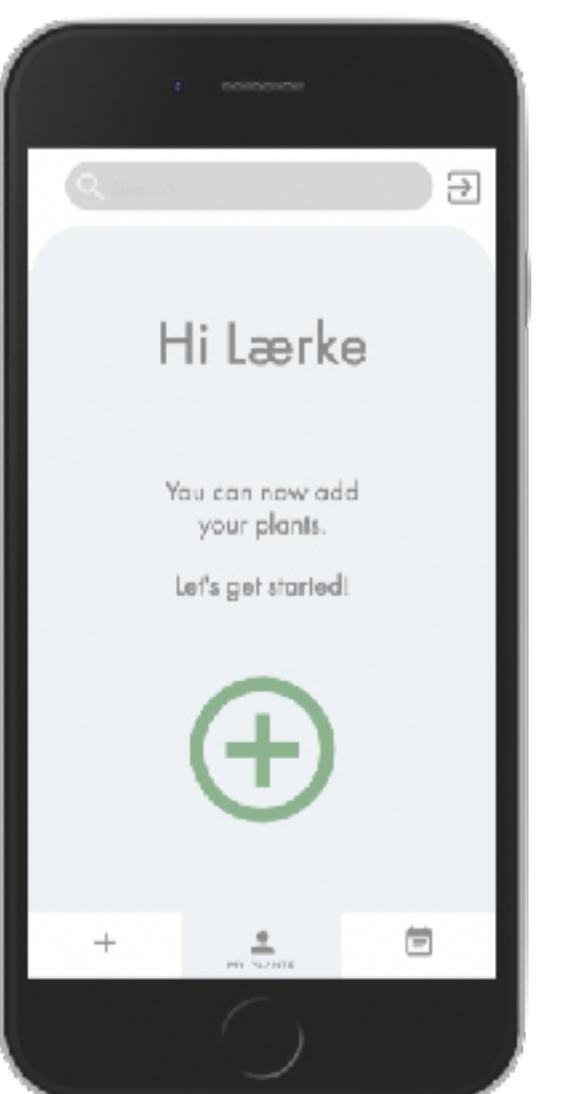
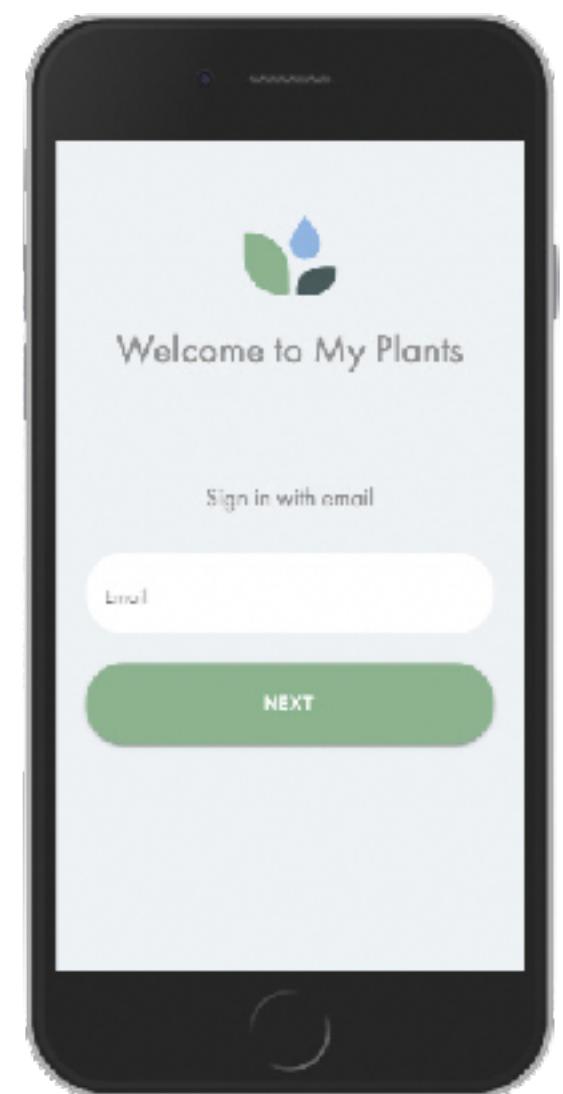
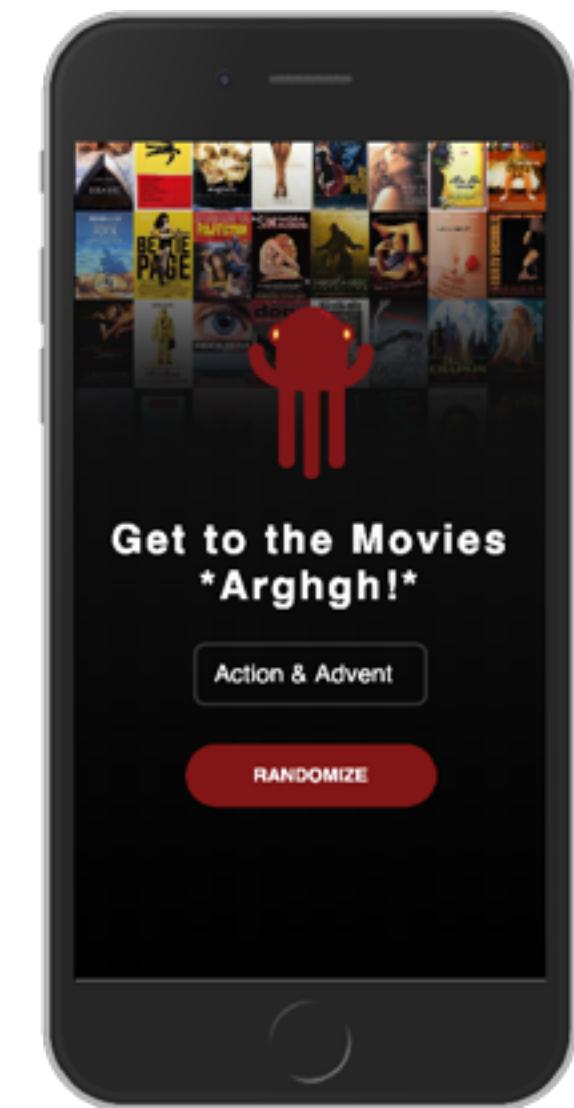
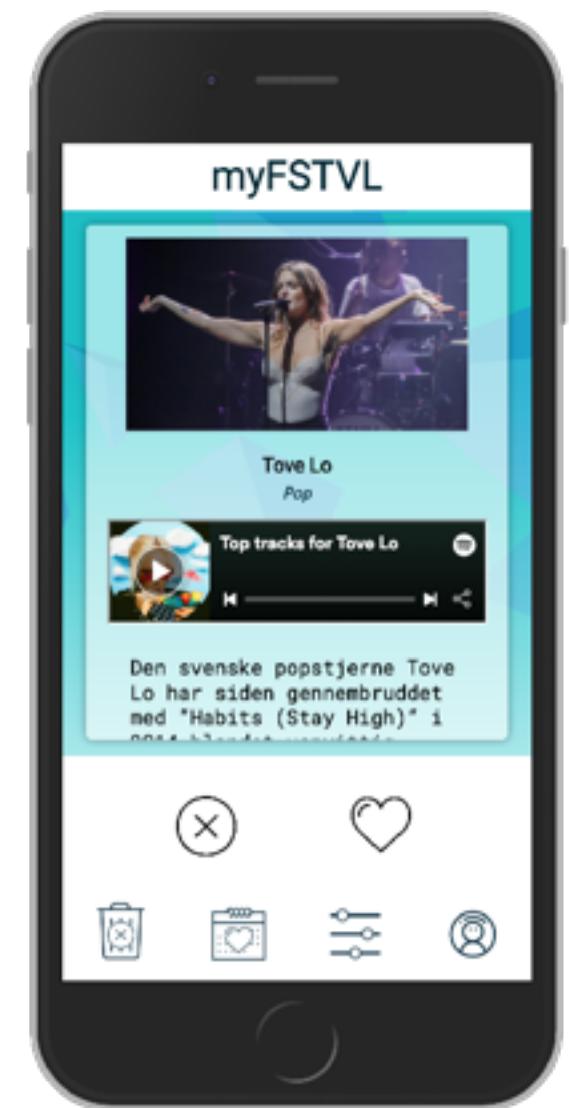
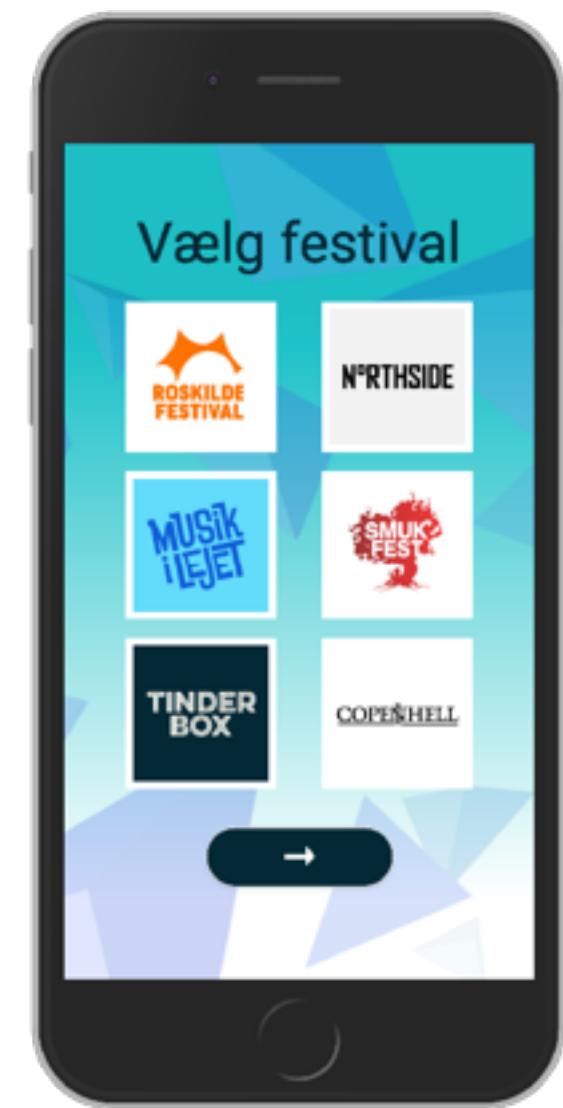
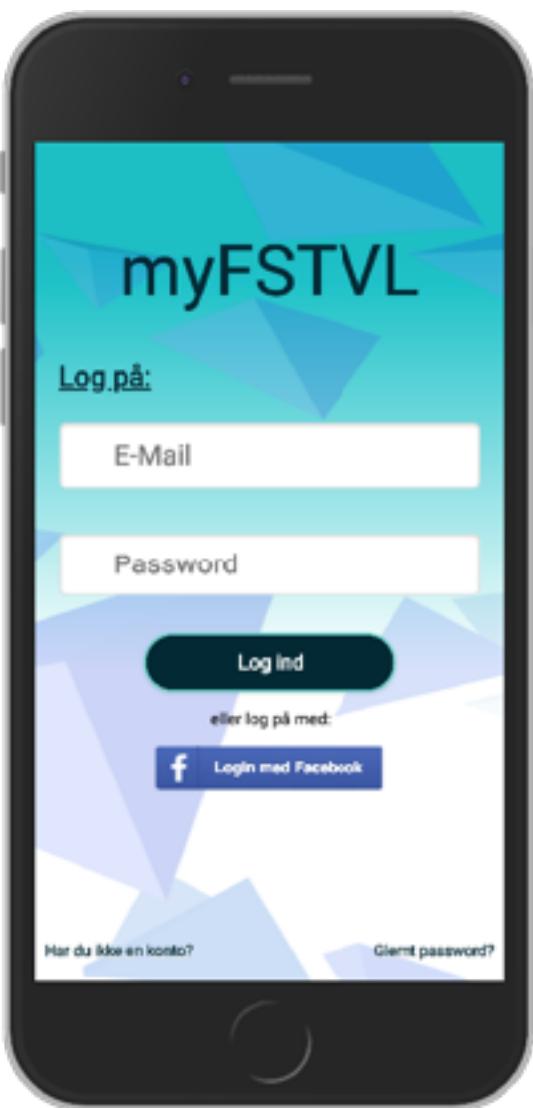
STRIK

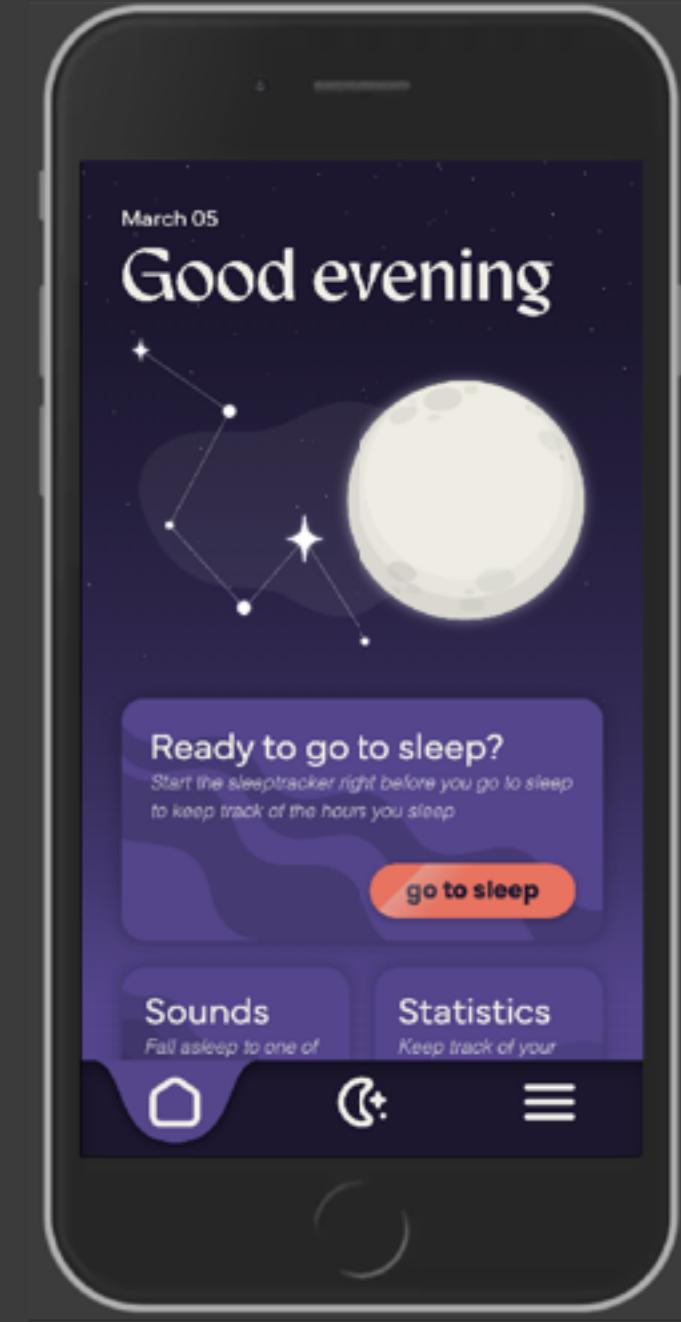
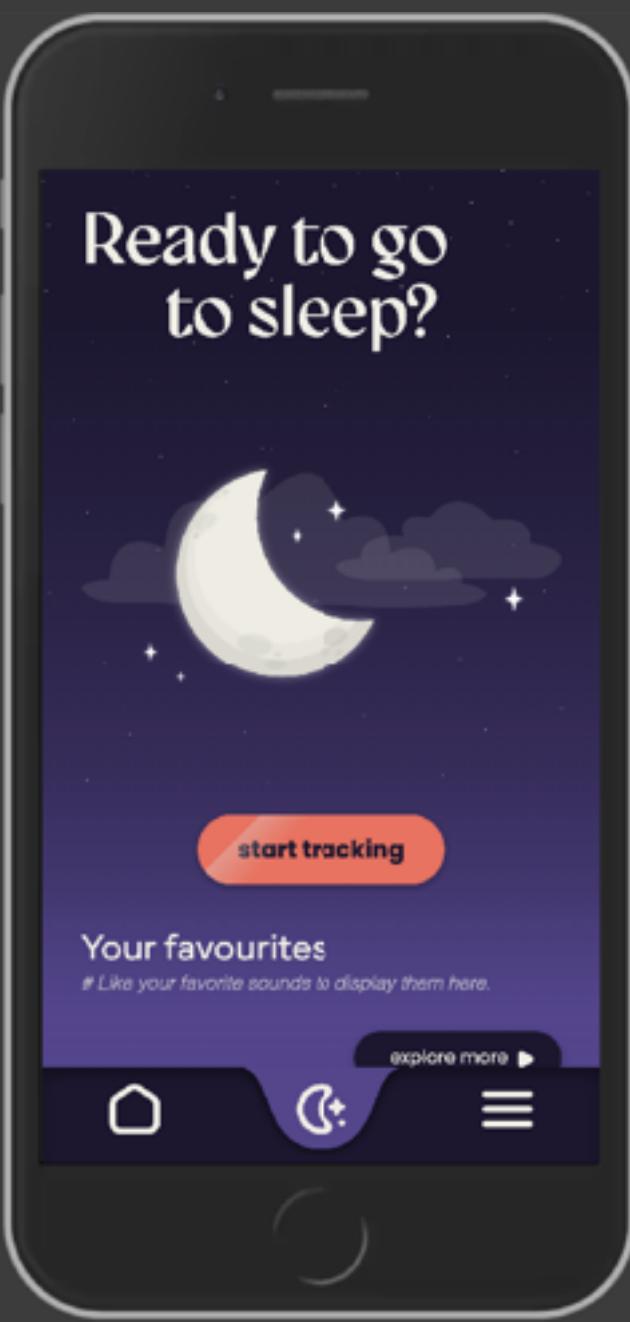
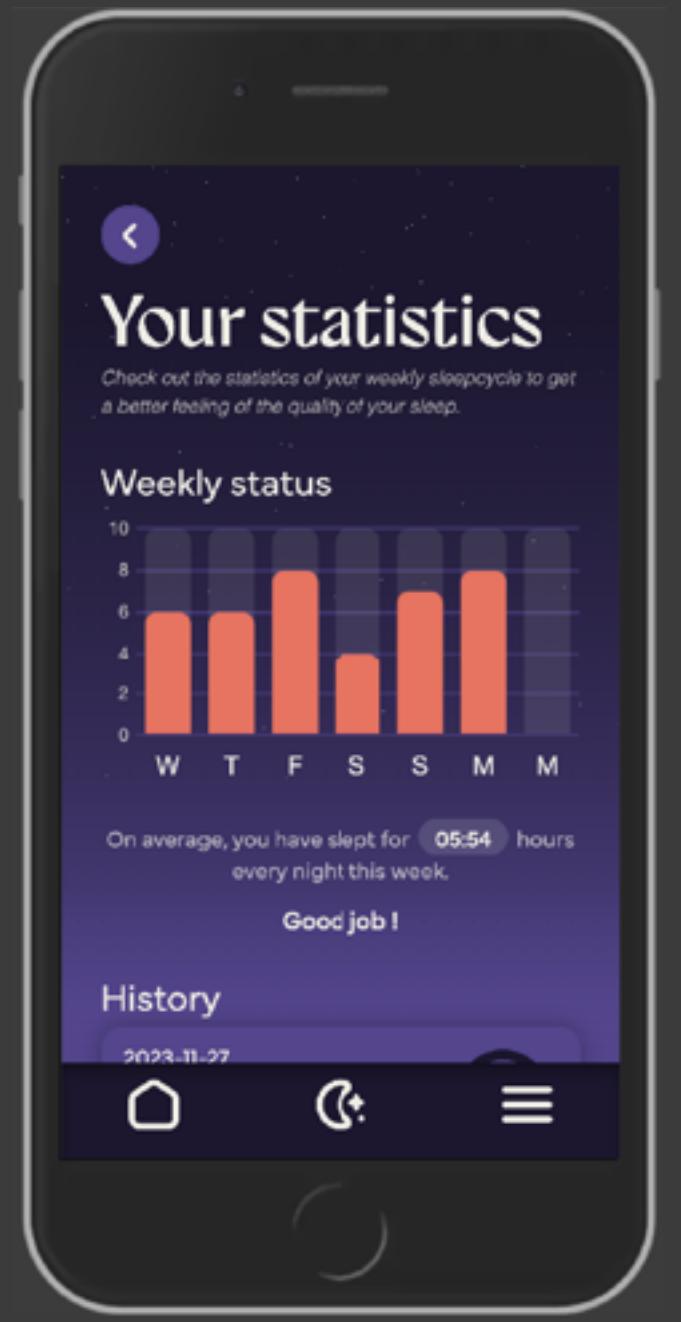
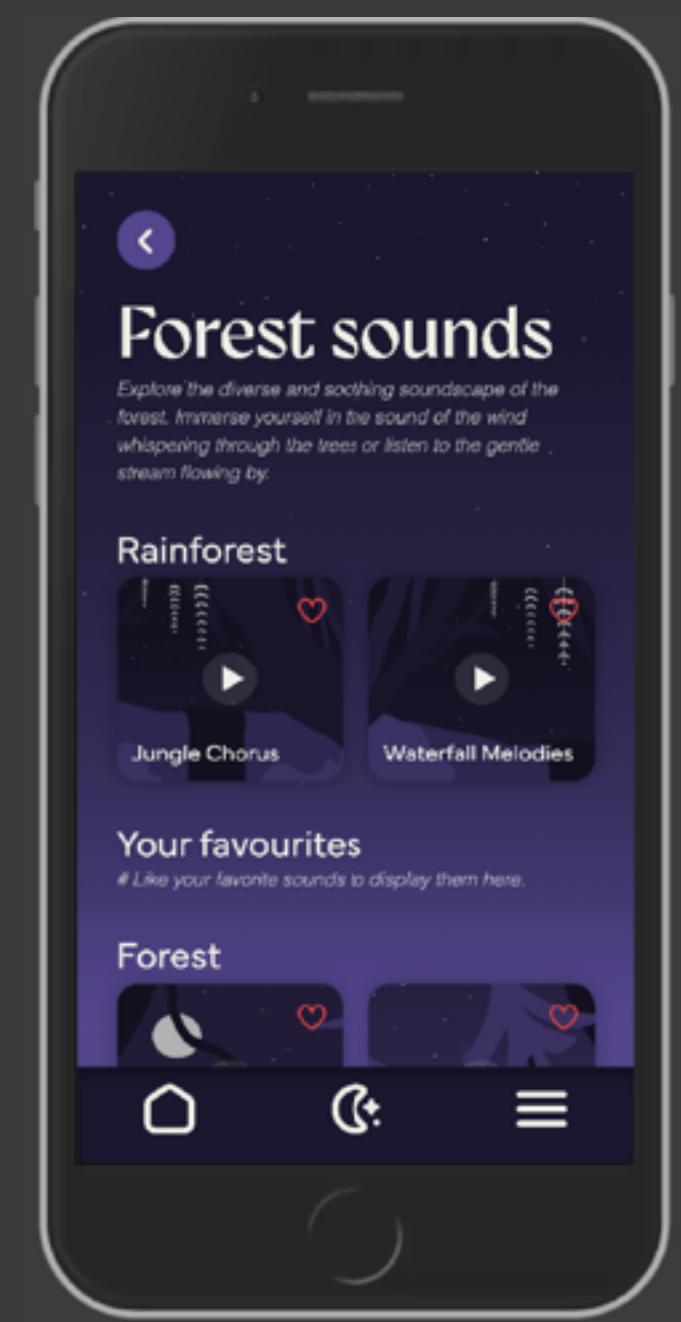
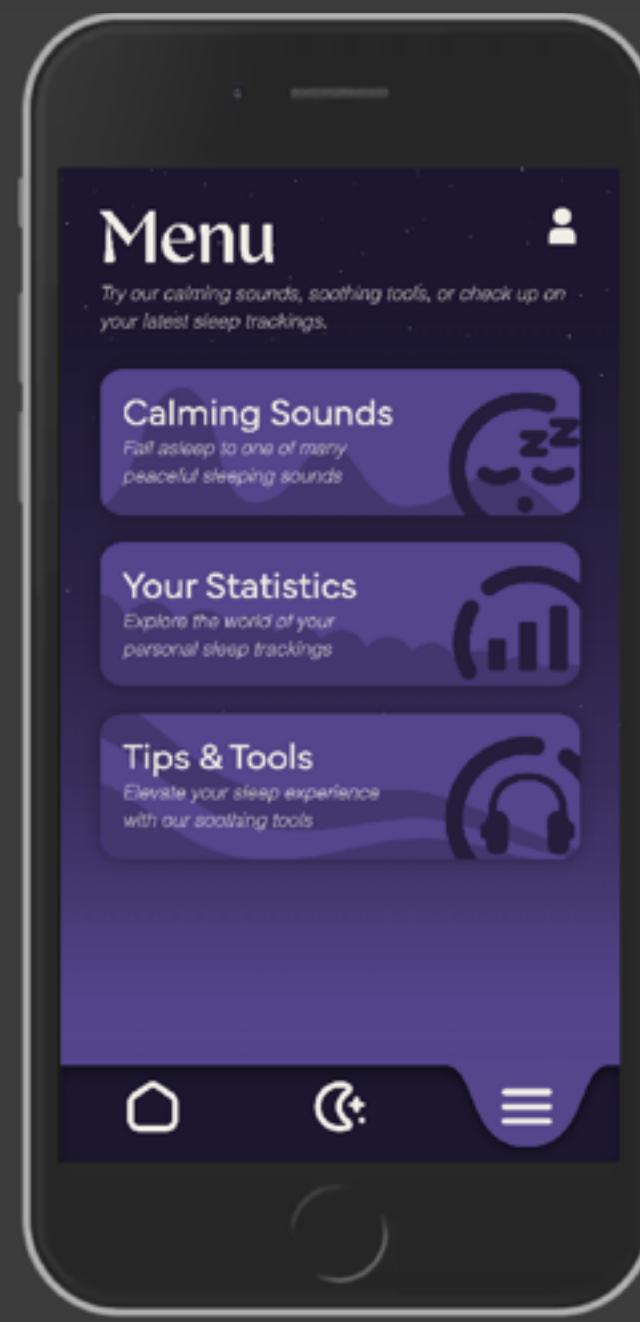
KJOLER

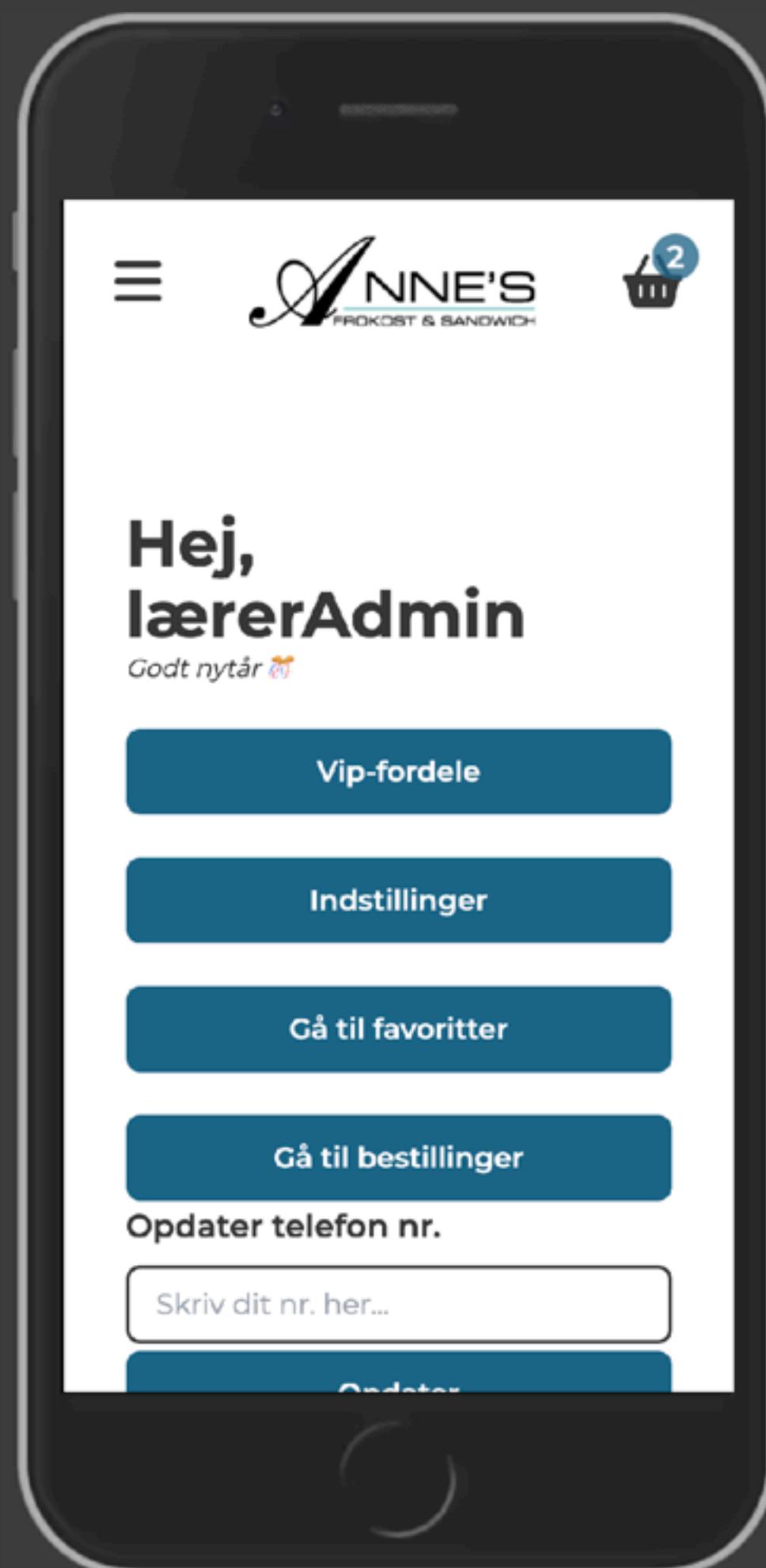
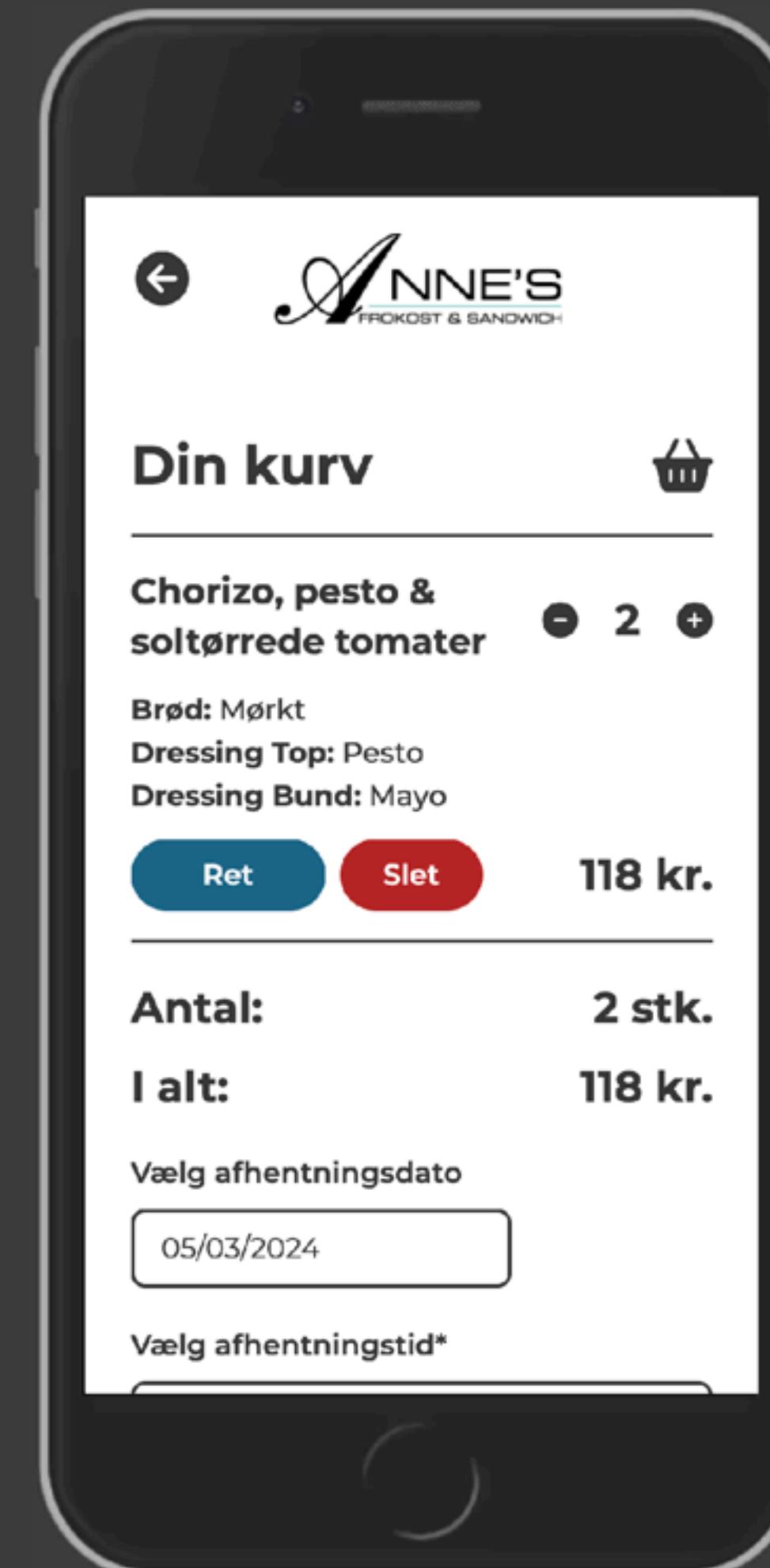
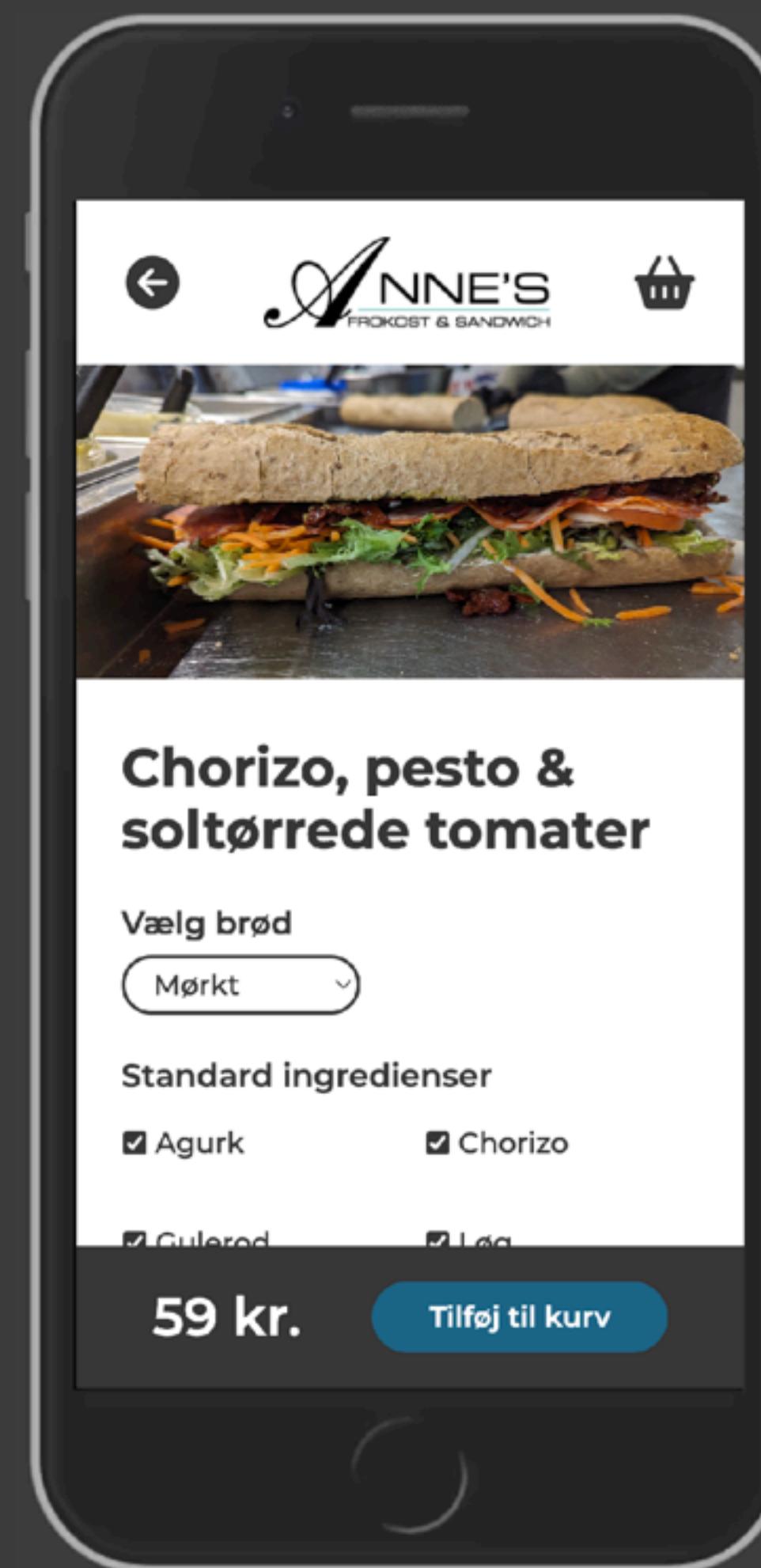
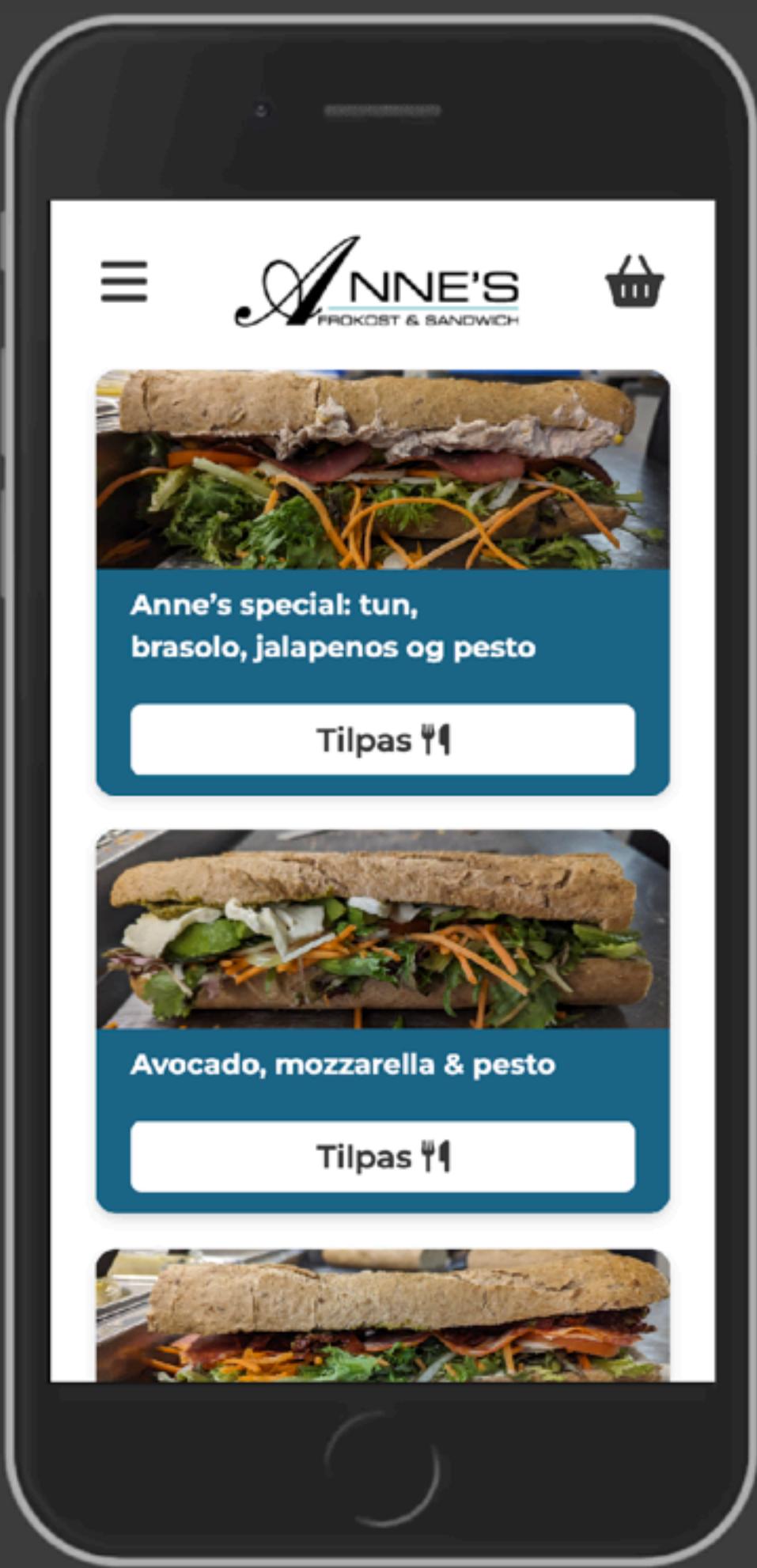


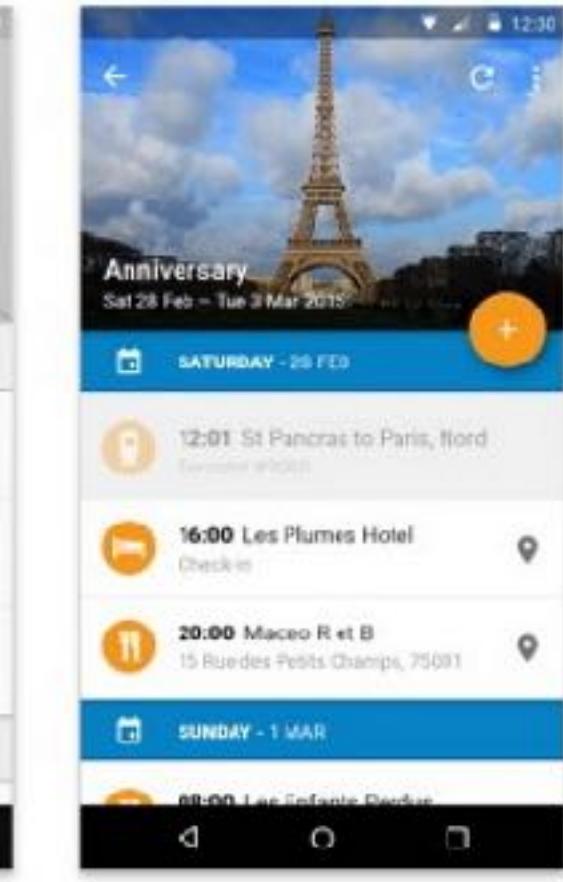
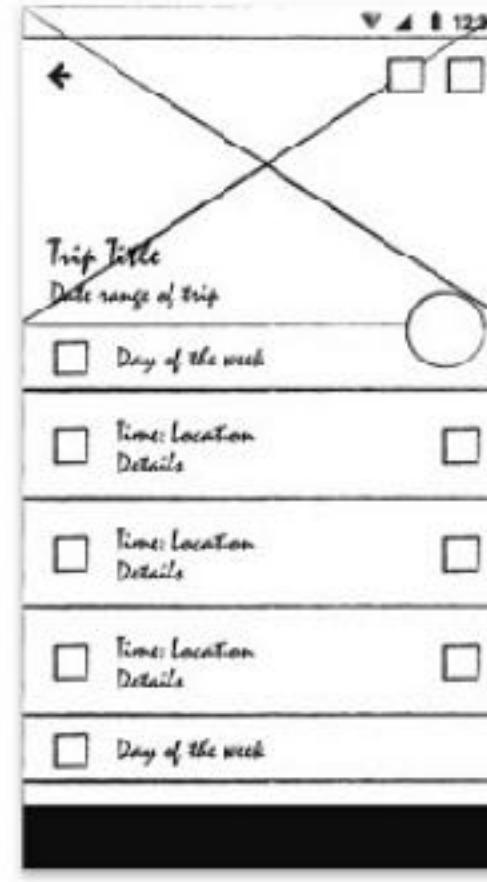
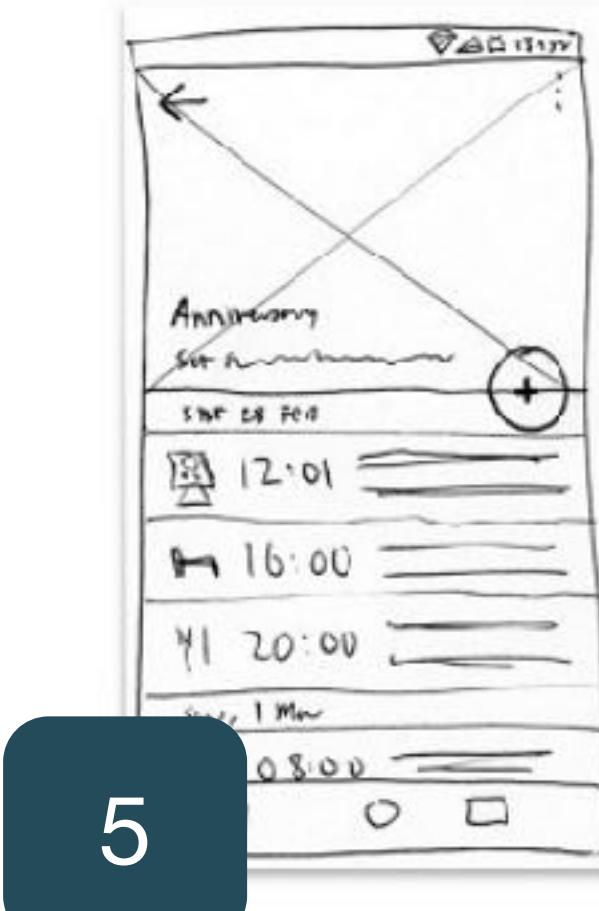












6



7

THE PROTOTYPING PROCESS



SKETCHES → WIREFRAMES → MOCK-UPS → PROTOTYPE

DRAWING
PEN AND PAPER

MORE VISUAL
XD, FIGMA

GRAPHIC DESIGN
PS, XD, FIGMA

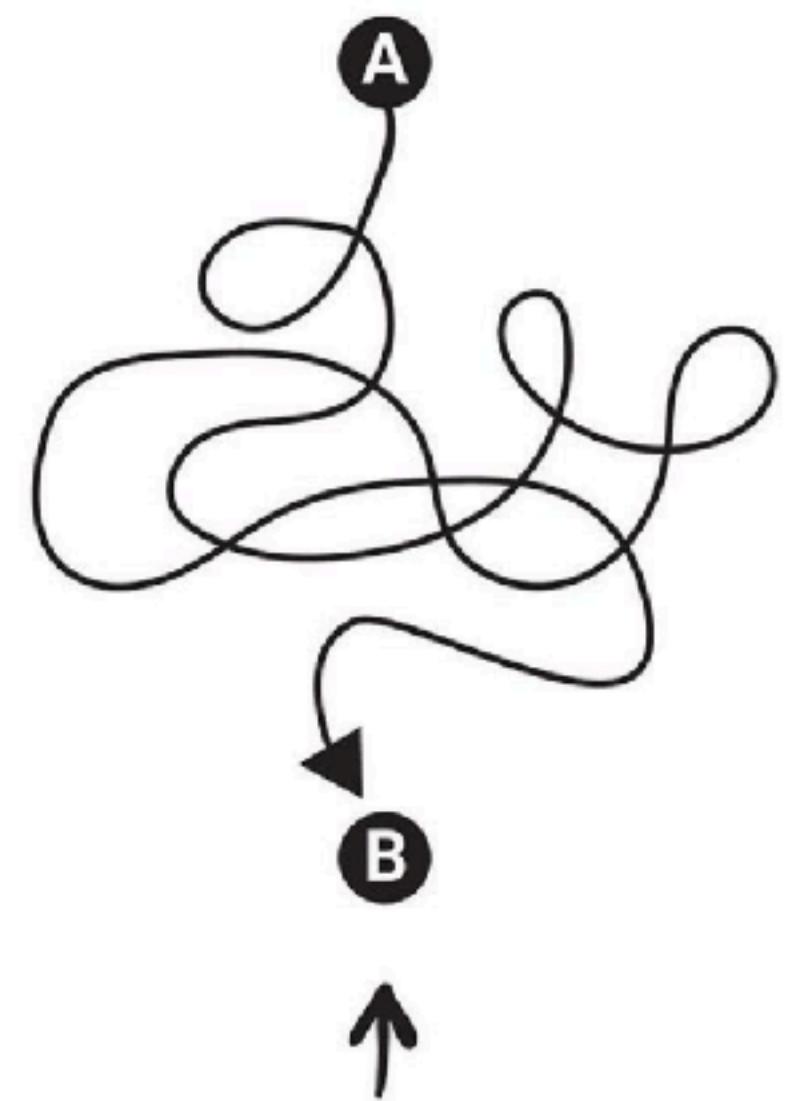
INTERACTIVE
XD, FIGMA CODE

**What you think
users do**



@uxbites

**What users
actually do**



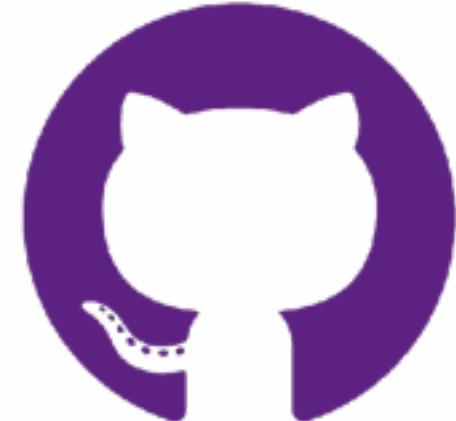
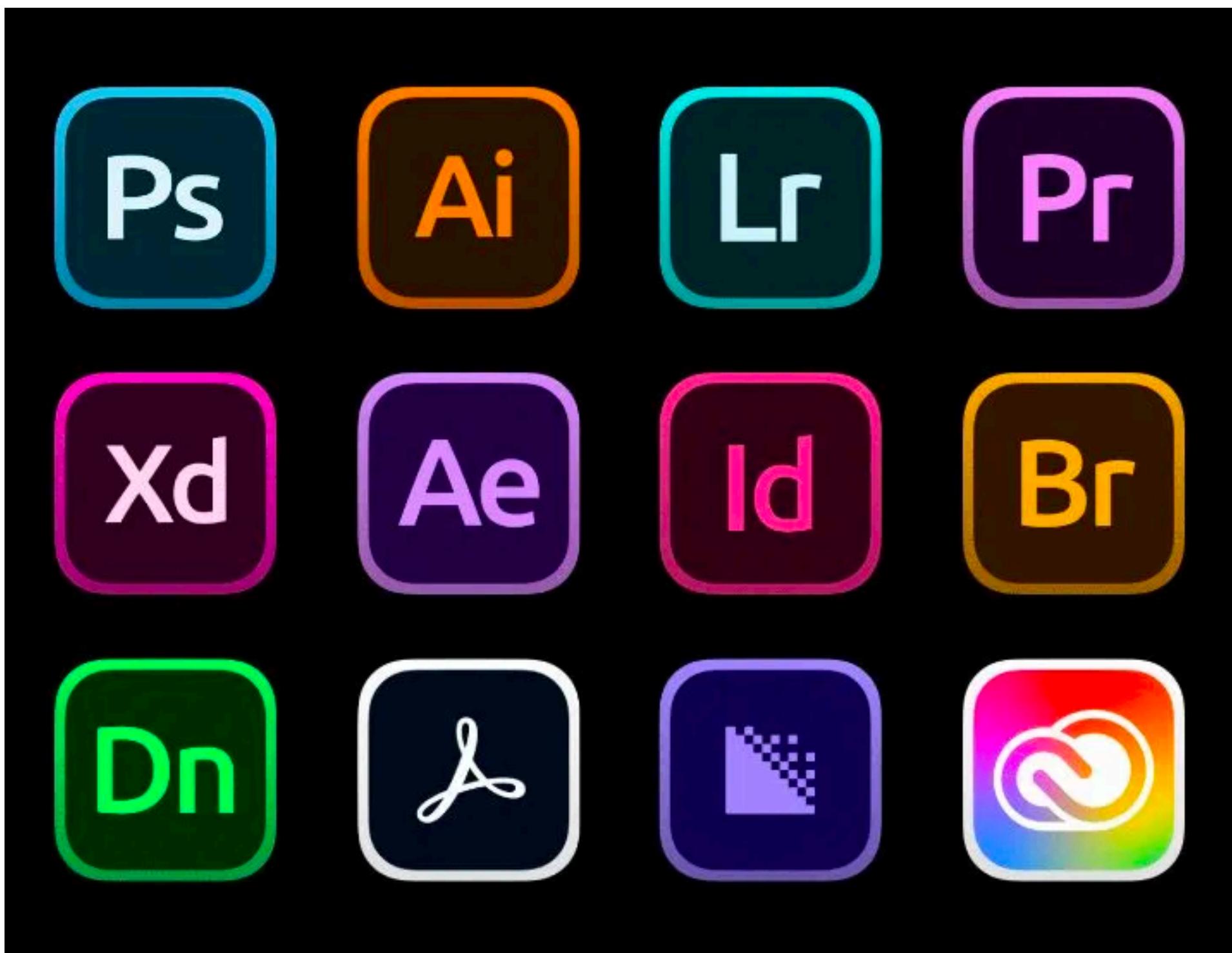
REVEALED BY USER TESTING



MULTIMEDIEDESIGNERENS VÆRK TØJSKASSE



Adobe® Creative Cloud™



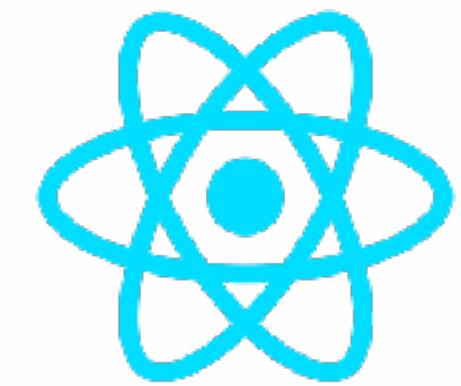
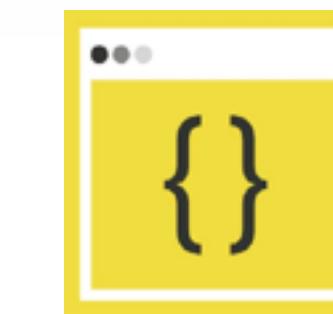
HTML



JS



CSS



React JS



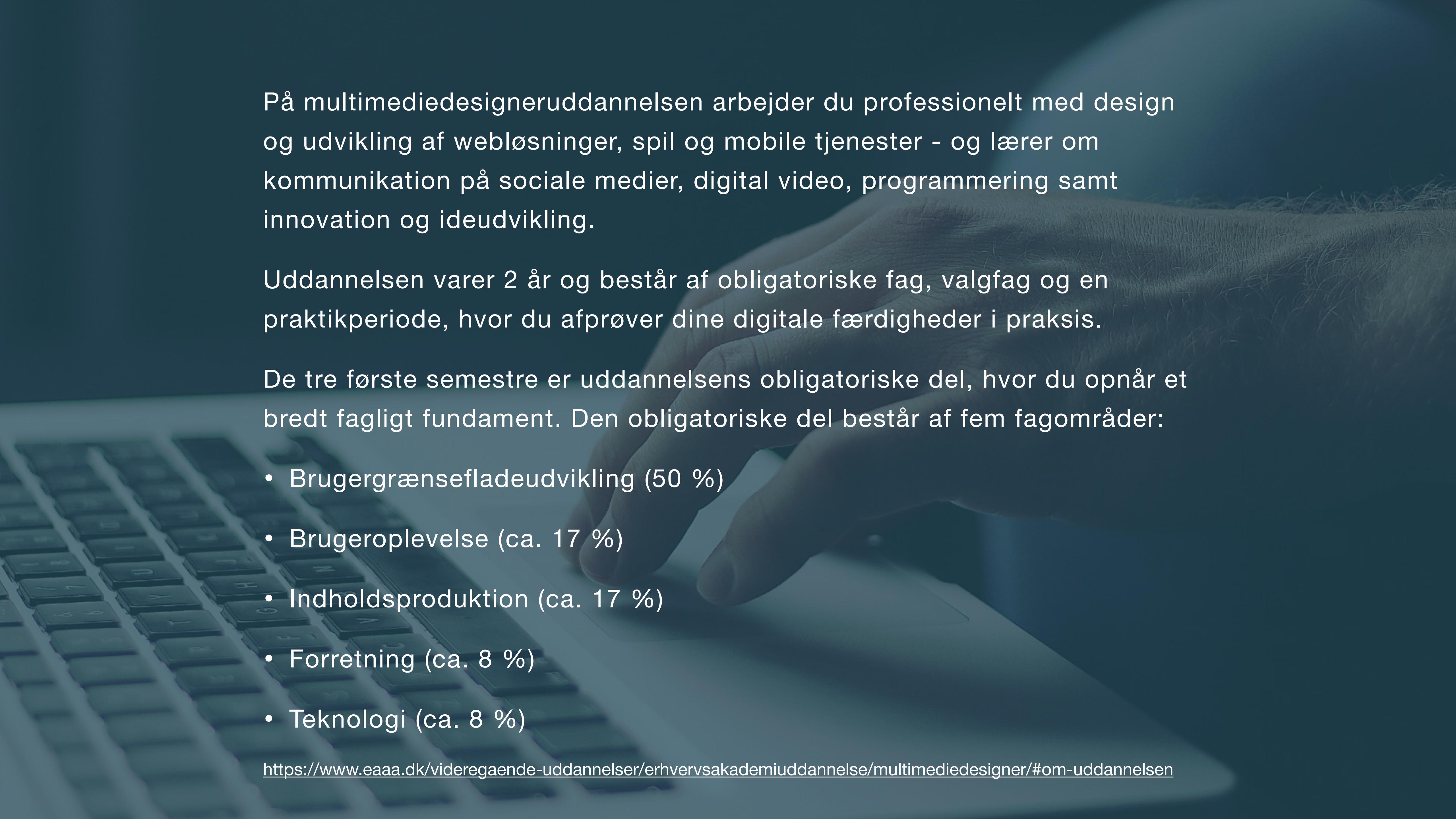
Klar til job på 2 år
2-årig videregående uddannelse
i digitale medier, programering, design og brugeroplevelser (UX)

Tæt på praksis og masser af 'hands on'
Gruppearbejde, undervisning, case- og projektarbejde

Mulighed for at tage 3. og/eller 4. semester i udlandet

VIDEREUDDANNELSE

Digital koncept-udvikling, Webudvikling, E-commerce samt
Innovation & Entrepreneurship + adskillige på VIA University og
andre steder



På multimediedesigneruddannelsen arbejder du professionelt med design og udvikling af webløsninger, spil og mobile tjenester - og lærer om kommunikation på sociale medier, digital video, programmering samt innovation og ideudvikling.

Uddannelsen varer 2 år og består af obligatoriske fag, valgfag og en praktikperiode, hvor du afprøver dine digitale færdigheder i praksis.

De tre første semestre er uddannelsens obligatoriske del, hvor du opnår et bredt fagligt fundament. Den obligatoriske del består af fem fagområder:

- Brugergrænsefladeudvikling (50 %)
- Brugeroplevelse (ca. 17 %)
- Indholdsproduktion (ca. 17 %)
- Forretning (ca. 8 %)
- Teknologi (ca. 8 %)

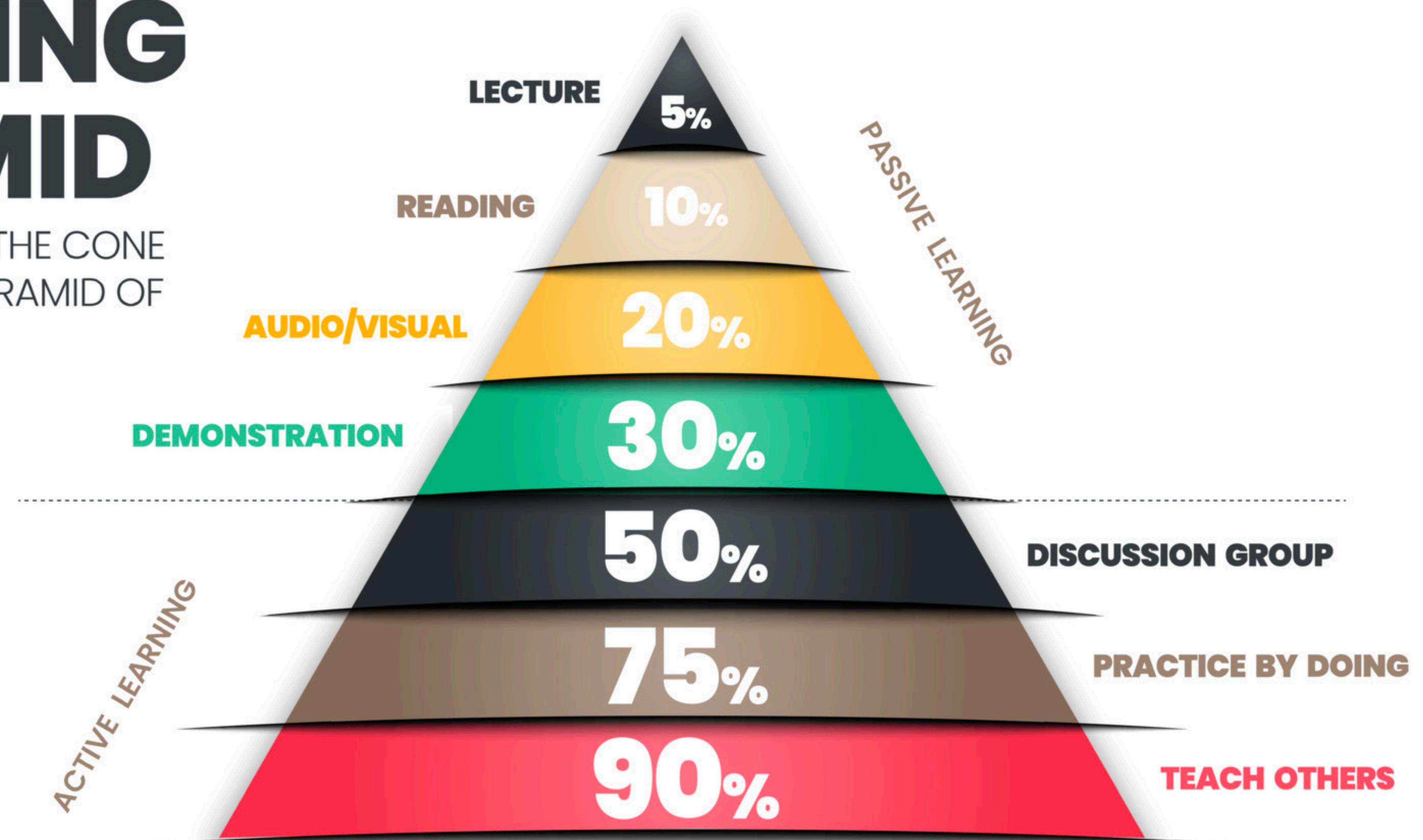
OVERBYGNINGER



[Læs mere her](#)

LEARNING PYRAMID

THE LEARNING CONE, THE CONE OF RETENTION, THE PYRAMID OF RETENTION

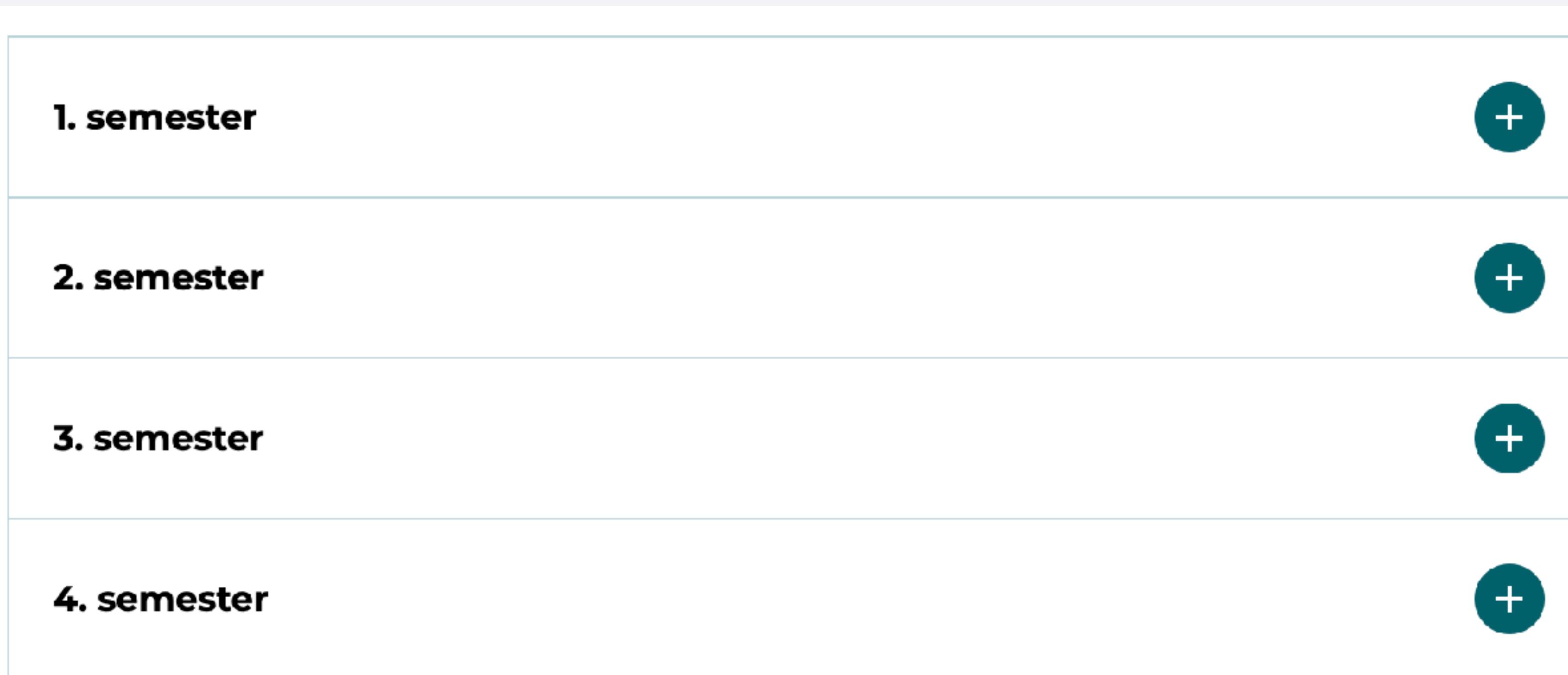


A woman with dark hair and glasses is smiling at the camera. She is wearing a light-colored, textured jacket over a dark top. Behind her is a large window with a view of a beach and ocean. A small portion of a computer screen is visible in the upper left corner of the window frame.

UDDAN DIG TIL MULTIMEDIEDESIGNER

<https://www.youtube.com/watch?v=-ck-7NS9d5U>

UDDANNELSENS OPBYGNING



<https://www.eaaa.dk/videregaende-uddannelser/erhvervsakademiuddannelse/multimediedesigner/#om-uddannelsen>

1. semester	SPRINT-uge (website for virksomhed)	Online Magasin (Eget emne)	Mobile First (website - mobil, tablet og pc)	*	Eksamens-projekt (website for produkt)
2. semester	Digital Storytelling	UX/UI (Brugeroplevelse)	Specialisering		Eksamens-projekt (website for virksomhed)
3. semester	<p style="text-align: center;">Specialiseringslinjer</p> <p style="text-align: center;">Frontend Developer, Content Creator eller E-commerce Design & Development</p> <p style="text-align: center;">(3 eksamensprojekter)</p>				
4. semester	Praktikforløb (selvvalgt virksomhed)		Afsluttende projekt (Hovedopgave)		



Gruppeprojekt



Individuelt projekt



Specialisering



Praktik & Hovedopgave



DU KAN OGSA LÆSE "OS"
PÅ INTERNATIONALK

<https://www.baaa.dk/programmes/multimedia-design/>



**Study Multimedia Design
in Denmark!**

4 “Nye” Linjer

1. International

Lidt af det hele
UX + Frontend
JavaScript

2. Game Developer

Univers og spil
Unity og C#

3. Interaktion Design

Løsningerne der
gør noget

JavaScript,
React, NextJS

4. Experience Design

Oplevelser og
køb

Wordpress
Shopify

Dansk 1. semester

MDU håndværk
JavaScript, HTML, CSS
UI design

1. Semester – i proces

Komponenter

Produktkort
i en
webshop

CTA knap
på et site

Farvevalg
på et site/
shop

McD
bestillings-
skærm

Evaluering
af
løsninger

Temaer &
fagområder

UI og Figma
Designprincipper
Designsystemer
Data og kvalitet i data
Computational thinking

COUX + IA
Programmering – træning
Test og testmetoder
Analyse og syntese
Sociologi og psykologi (design-
og bruger)

Grids
Data fra JSON -> UI Cards
Idegenerering
Prototyping

Eksamens
Mundtlig refleksion
½ time på
baggrund af en
portfolio, intern

Game Developer

1. semester

2D,
Characterdesign
Spilprogram-
mering

2. semester

3D,
Univers design
Spilprogram-
mering

3. semester

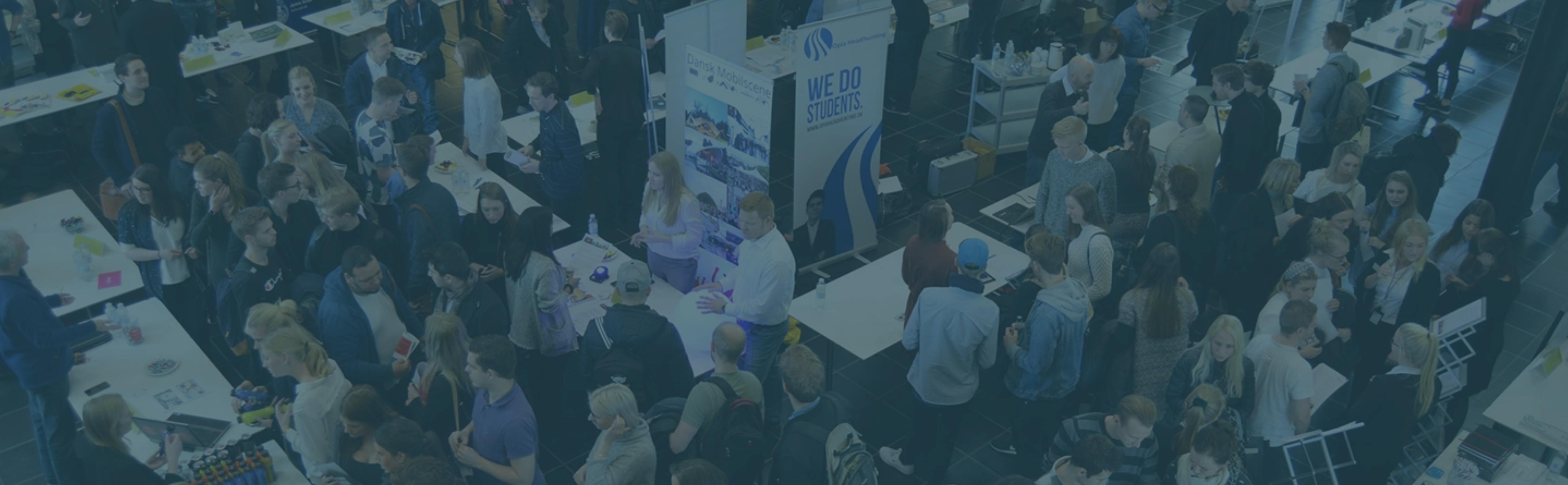
Avancerede
teknikker
AR/VR
Gamification

4. semester

Praktik og
hovedopgave

A group of five people are gathered around a light-colored wooden table in a modern office environment. On the left, two women are seated, one wearing glasses and a patterned scarf. In the center, a man in a dark blue shirt is gesturing towards a document on the table. To his right, a woman in a green top is smiling. On the far right, another man in a light-colored sweater is looking down at a yellow book he is holding. The background shows office cubicles and a whiteboard with colorful sticky notes.

PRAKTIK



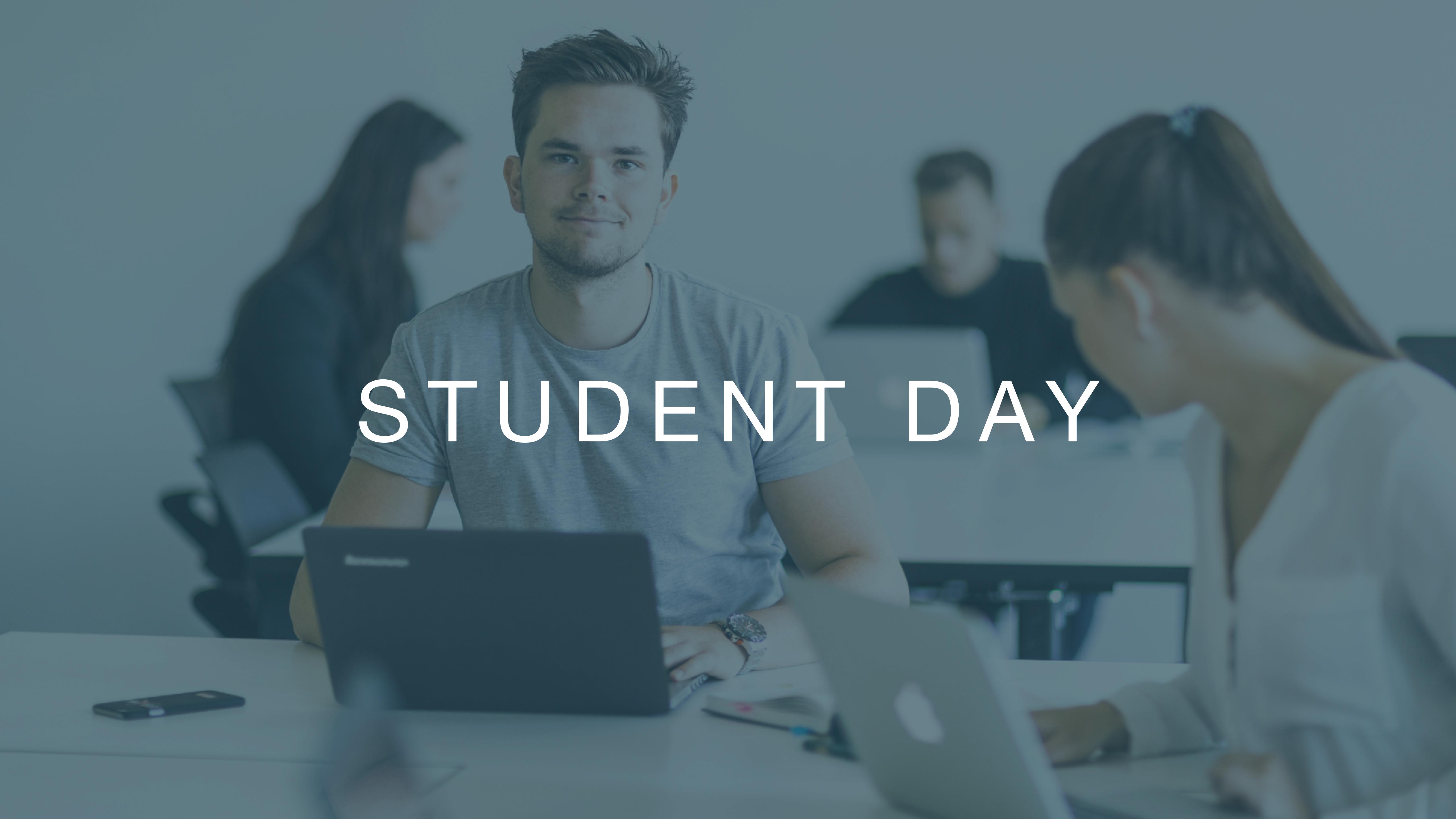
COMPANY DAY



Aarhus Bryghus
Abel&co
Amazing Philippines
Arriva
Attention8
BadaBing Film I/S
Bands of Tomorrow
Bedre Nætter
BoligPortal
Brandshop
Buchs
By Catfish
Central Asia Tours
Concept 3
Creuna
Cyperhus
Dansk Supermarked
DeLuca film
Den Sociale Retshjælp
DesignMe
DGI Østjylland
Dixon Design

DR Multimedie
DR-Århus web afd.
ebay - DBA
Erhvervshjemmesider.dk
Ezzence A/S
Food Festival
Gaven DK
Graphic House
Grundfos
Hungry.dk
iDeal Development
Idea House
Jyllands-Posten
Kamstrup A/S
Kiloo
Kirkens Korshær
Komunikado
Mediehuset, Aarhus
Minimum A/S
Minova
Mobilthink
Musik Group Denmark

Nodes
Novicell
No Zebra
Optimize2 ApS
ProShop
Redweb
Restaurant2Night
Salling Group
Save my Iphone
Searchmind
SC Artvertising
Sinful
Surge ApS
TC electronic
Train
Unique Models
Vega Tattoo
Vero Moda
Vestas
Webapoteket
WebStock
3F

A group of students are gathered around a table in a classroom. In the foreground, a young man with short brown hair and a light beard, wearing a grey t-shirt, looks directly at the camera with a slight smile. He is sitting at a table with a laptop open in front of him. Behind him, other students are visible, some looking down at their work or looking towards the camera. The background is a plain, light-colored wall.

STUDENT DAY



JOBPORTAL

jobportal.eaaa.dk

HVERDAGEN

FULD TIDSSTUDIE

Fordelt på ca. 24 undervisningstimer/uge
+ forberedelse, opgaver og løbende projekter

DINE MEDSTUDERENDE

Gennemsnitsalder: 22 år

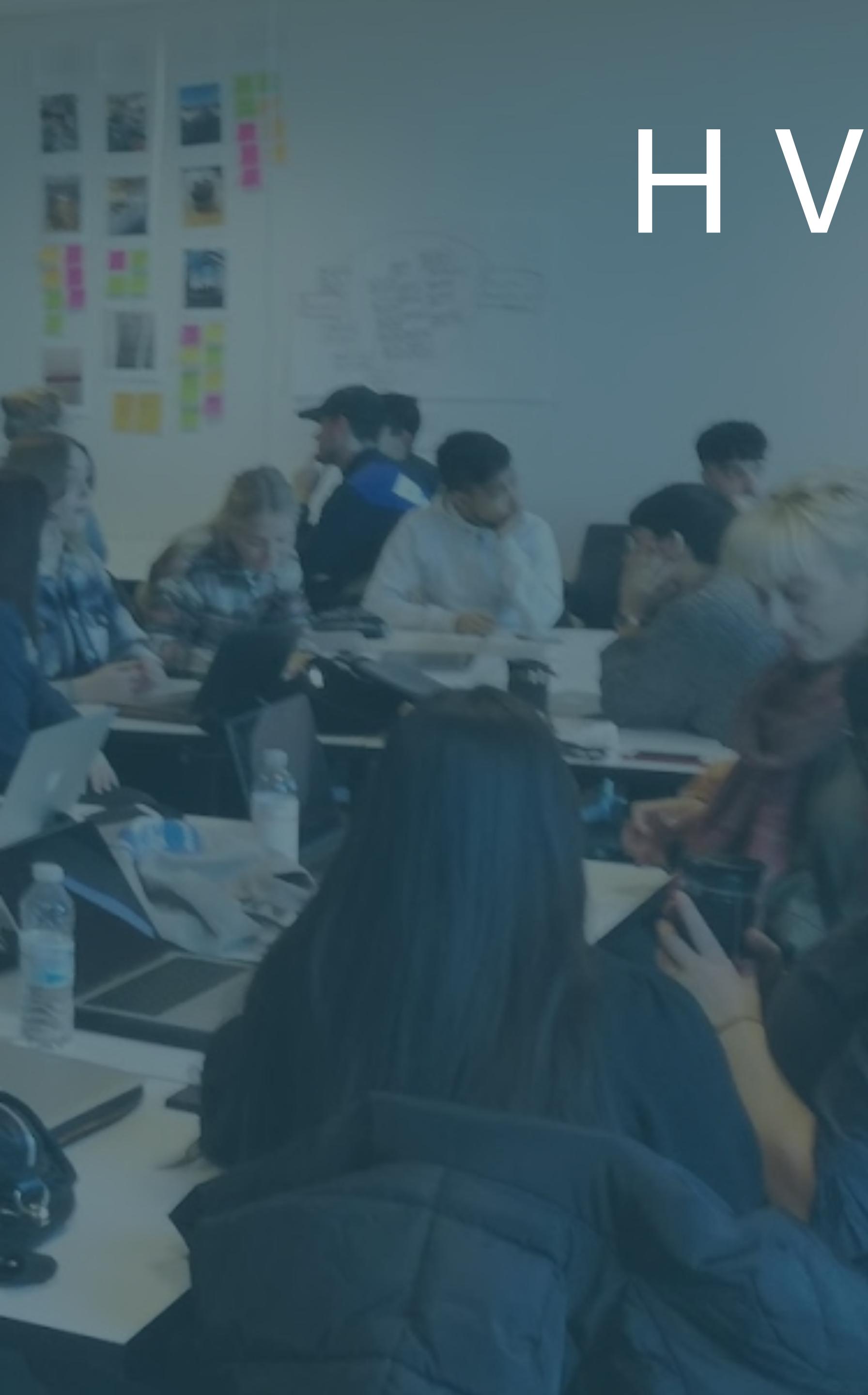
Fordeling: 60 % Kvinder & 40 % mænd

Hands-on studie - praksisnær

Teori og praksis: projektarbejde - hands on
opgaver

Klasseundervisning

Gruppearbejde og individuelle projekter





STUDIEMILJØ

Gruppearbejde & hands-on

Cases & problemer fra den virkelige
verden

Forbindelse mellem teori & praksis

Undervisning der er fokuseret på
studerende

Socialt læringsmiljø

Uge 35					
	Mandag d. 28 - 08	Tirsdag d. 29 - 08	Onsdag d. 30 - 08	Torsdag d. 31 - 08	Fredag d. 01 - 09
08:30 - 10:00	Intro LAES eaa-R104-1.39	UX & Content LAES eaa-R104-1.39	Design LARH eaa-R104-1.39		Programmering KIJE eaa-R104-1.39
10:30 - 12:00	Intro LAES eaa-R104-1.39	UX & Content LAES eaa-R104-1.39	Design LARH eaa-R104-1.39		Programmering KIJE eaa-R104-1.39
12:30 - 14:00	Intro LAES eaa-R104-1.39	UX & Content LAES eaa-R104-1.39	Design LARH eaa-R104-1.39		Programmering KIJE eaa-R104-1.39
14:15 - 15:45					
Uge 36					
	Mandag d. 04 - 09	Tirsdag d. 05 - 09	Onsdag d. 06 - 09	Torsdag d. 07 - 09	Fredag d. 08 - 09
08:30 - 10:00	Felt arbejde	UX & Content LAES eaa-R104-1.39	Design LARH eaa-R104-1.39	Selvstudie	Programmering KIJE eaa-R104-1.39
10:30 - 12:00	Felt arbejde	UX & Content LAES eaa-R104-1.39	Design LARH eaa-R104-1.39	Selvstudie	Programmering KIJE eaa-R104-1.39
12:30 - 14:00	Felt arbejde	UX & Content LAES eaa-R104-1.39	Design LARH eaa-R104-1.39	Selvstudie	Programmering KIJE eaa-R104-1.39
14:15 - 15:45					
Uge 37					
	Mandag d. 11 - 09	Tirsdag d. 12 - 09	Onsdag d. 13 - 09	Torsdag d. 14 - 09	Fredag d. 15 - 09
08:30 - 10:00	Selvstudie	UX & Content LAES eaa-R104-1.39	Design LARH eaa-R104-1.24	Programmering KIJE eaa-R104-1.39	Sprint Kick-off LAES eaa-R104-1.38 eaa-R104-1.39
10:30 - 12:00	Selvstudie	UX & Content LAES eaa-R104-1.39	Design LARH eaa-R104-1.24	Programmering KIJE eaa-R104-1.39	Sprint Kick-off LAES eaa-R104-1.39 eaa-R104-1.38
12:30 - 14:00	Selvstudie	UX & Content LAES eaa-R104-1.39	Design LARH eaa-R104-1.24	Programmering KIJE eaa-R104-1.39	Sprint Kick-off LAES eaa-R104-1.38 eaa-R104-1.39
14:15 - 15:45					
Uge 38					
	Mandag d. 18 - 09	Tirsdag d. 19 - 09	Onsdag d. 20 - 09	Torsdag d. 21 - 09	Fredag d. 22 - 09
08:30 - 10:00	Sprint eaa-R104-1.39	Sprint eaa-R104-1.39	Sprint eaa-R104-1.39	Sprint eaa-R104-1.39	Sprint LAES eaa-R104-1.39 Bemærk: Præsentation

Uge 38

	Mandag d. 18 - 09	Tirsdag d. 19 - 09	Onsdag d. 20 - 09	Torsdag d. 21 - 09	Fredag d. 22 - 09
08:30 - 10:00	Meeting companies outside of Aarhus LSKJ	Informal internship speed dating LSKJ eaa-R104-1.42 eaa-R104-1.01	Portfolio	Portfolio MOAB MLBE eaa-R104-1.42	Portfolio MNOR eaa-R104-1.42
10:30 - 12:00	Meeting companies outside of Aarhus LSKJ	Informal internship speed dating LSKJ eaa-R104-1.01 eaa-R104-1.42	Portfolio	Portfolio MLBE MOAB eaa-R104-1.42	Portfolio MNOR eaa-R104-1.42
12:30 - 14:00	Meeting companies outside of Aarhus LSKJ	Portfolio eaa-R104-1.01 eaa-R104-1.42	Portfolio	Job interviews in a Danish context LSKJ eaa-R104-1.42	Portfolio
14:15 - 15:45	Meeting companies outside of Aarhus LSKJ				
16:00 - 18:00					

Uge 39

	Mandag d. 25 - 09	Tirsdag d. 26 - 09	Onsdag d. 27 - 09	Torsdag d. 28 - 09	Fredag d. 29 - 09
08:30 - 10:00	CV workshops eaa-R104-1.42	Presentation LSKJ Bemærk: In the Canteen	Portfolio	Application workshops eaa-R104-1.42	Portfolio
10:30 - 12:00	CV workshops eaa-R104-1.42	Portfolio	Company day eaa-R104-1.42	Application workshops eaa-R104-1.42	Portfolio Bemærk: Hand-in
12:30 - 14:00	Portfolio	Portfolio	Company day eaa-R104-1.42	Portfolio	
14:15 - 15:45			Company day eaa-R104-1.42		
16:00 - 18:00					

Uge 40

	Mandag d. 02 - 10	Tirsdag d. 03 - 10	Onsdag d. 04 - 10	Torsdag d. 05 - 10	Fredag d. 06 - 10
08:30 - 10:00	Webapp (F/UI/UX) MOAB RACE eaa-R104-1.42	Webapp (F/UI/UX) RACE eaa-R104-1.42	Webapp (F/UI/UX)	Webapp (F/UI/UX) RACE MOAB eaa-R104-1.42	Webapp (F/UI/UX) RACE MOAB eaa-R104-1.42
10:30 - 12:00	Webapp (F/UI/UX) RACE MOAB eaa-R104-1.42	Webapp (F/UI/UX) RACE eaa-R104-1.42	Webapp (F/UI/UX)	Webapp (F/UI/UX) MOAB RACE eaa-R104-1.42	Webapp (F/UI/UX) MOAB RACE eaa-R104-1.42
12:30 - 14:00	Webapp (F/UI/UX) MOAB RACE eaa-R104-1.42	Webapp (F/UI/UX) RACE eaa-R104-1.42	Webapp (F/UI/UX)	Webapp (F/UI/UX) RACE MOAB eaa-R104-1.42	Webapp (F/UI/UX) MOAB RACE eaa-R104-1.42
14:15 - 15:45					
16:00 - 18:00					

J O B S O M M U L T I M E D I E D E S I G N E R

Frontend & Web Designer

SEO og Webudvikler

Frontendudvikler

Applikationsudvikler

Online Grafiker

Digital Designer

Grafisk Marketing Assistent

UX Specialist

Kommunikationsmedarbejder

Marketingkoordinator

Social Media Manager

Content Creator

Multimediedesigner

Online Specialist

Webmaster/webdesigner

UX/UI Designer



FIND MERE INFORMATION
PÅ VORES WEBSITE

<https://www.eaaa.dk/videregående-uddannelser/erhvervsakademiuuddannelse/multimediedesigner/>

<https://www.baaa.dk/programmes/multimedia-design/>

RUNDVISNING PÅ RINGVEJ SYD 104

<https://www.youtube.com/watch?v=KuH96527IRI>

RUNDVISNING

Kig efter brugergrænseflader

A close-up photograph of a person's hand holding a smartphone. The phone's screen is visible, showing a digital interface with various icons and text. The background is slightly blurred, suggesting a keyboard or other office equipment.

UI, User Interface eller **Brugergrænseflade** er alt hvad en bruger kan interagere med for at betjene et digitalt produkt eller en digital tjeneste.

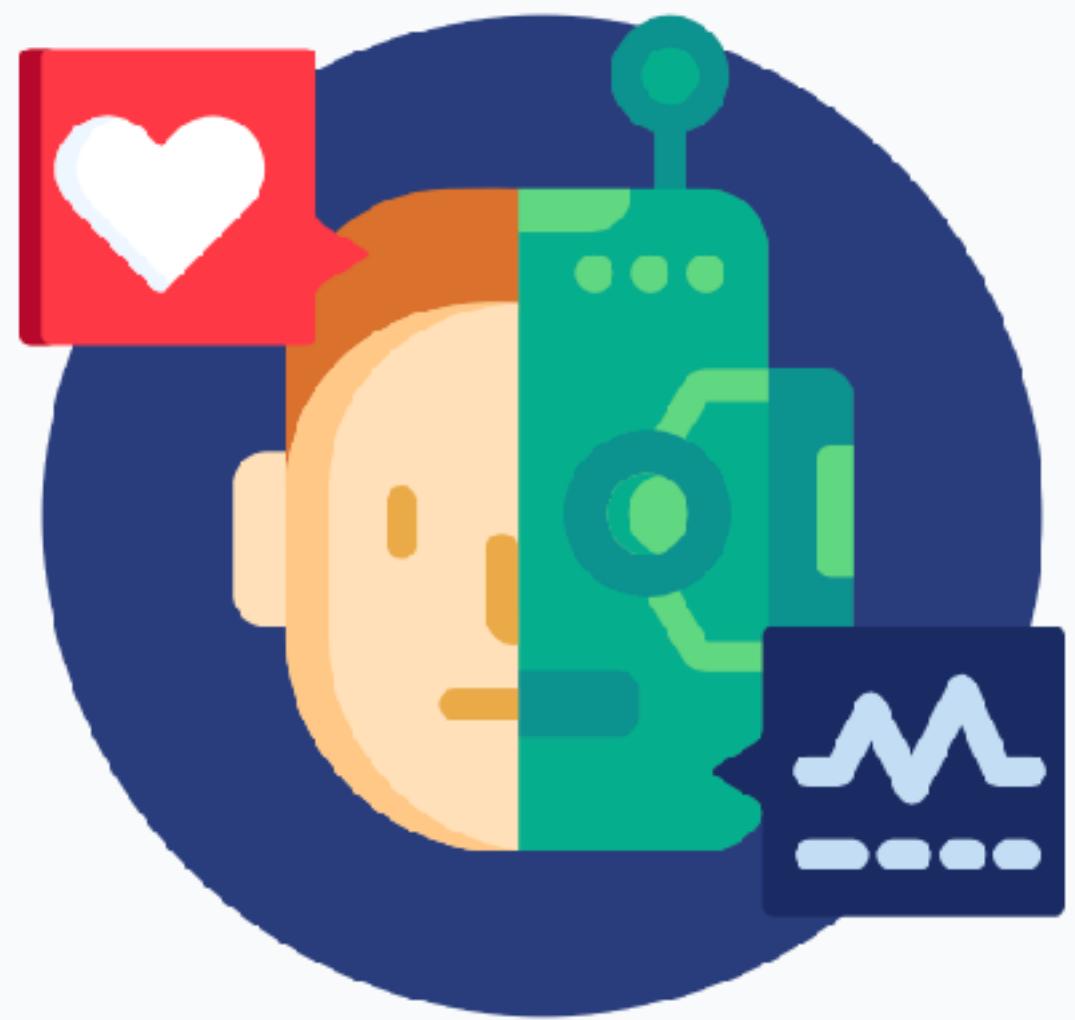
Det inkluderer skærm, touchskræm, knapper, tastatur, mus, lyde og lys.

En **brugergrænseflade** er bindeled mellem et system og dets bruger.

Typisk forbinder vi det med det vi ser: **Grafiske Brugergrænseflader (GUI)**

UI

User Interface



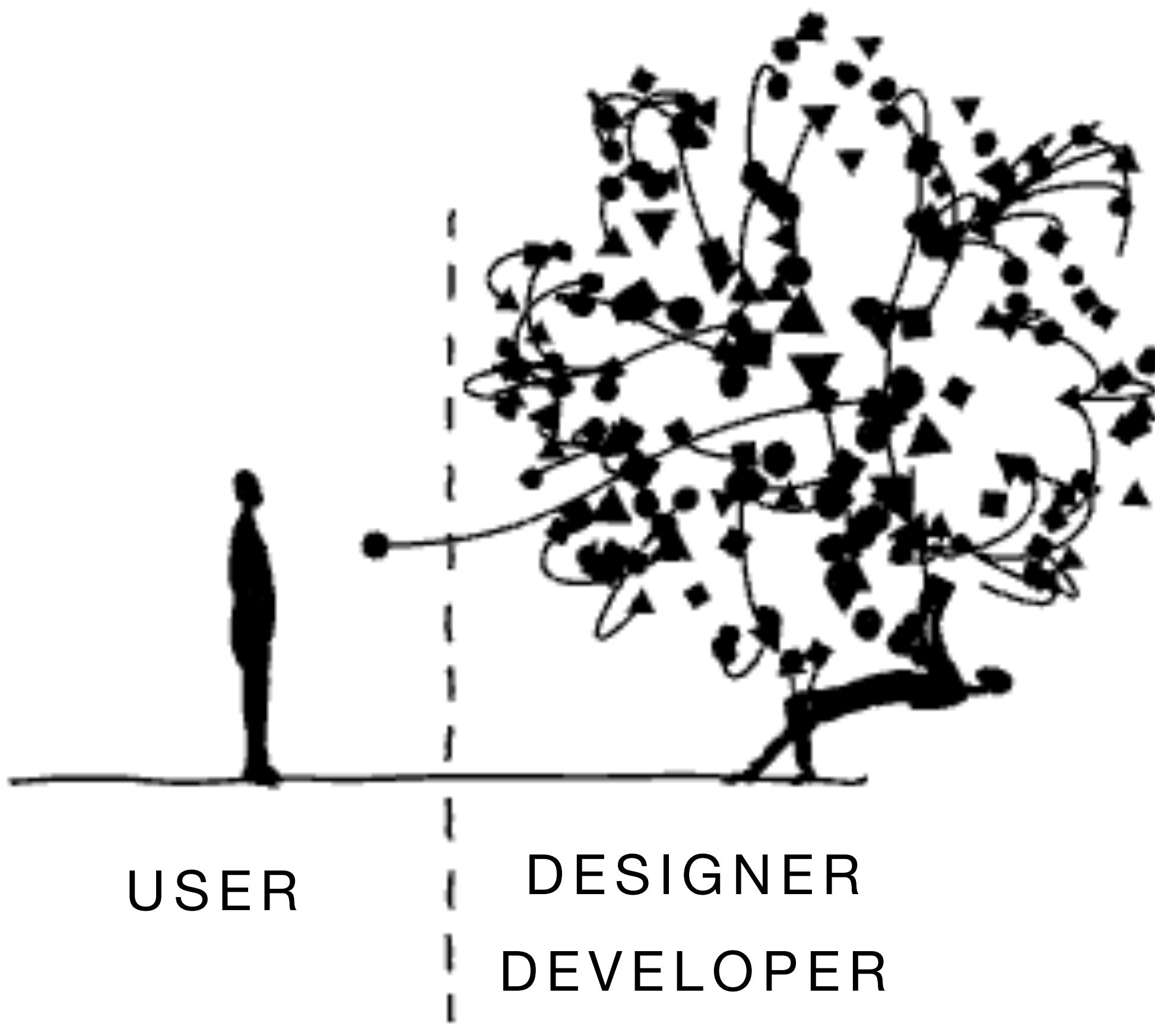
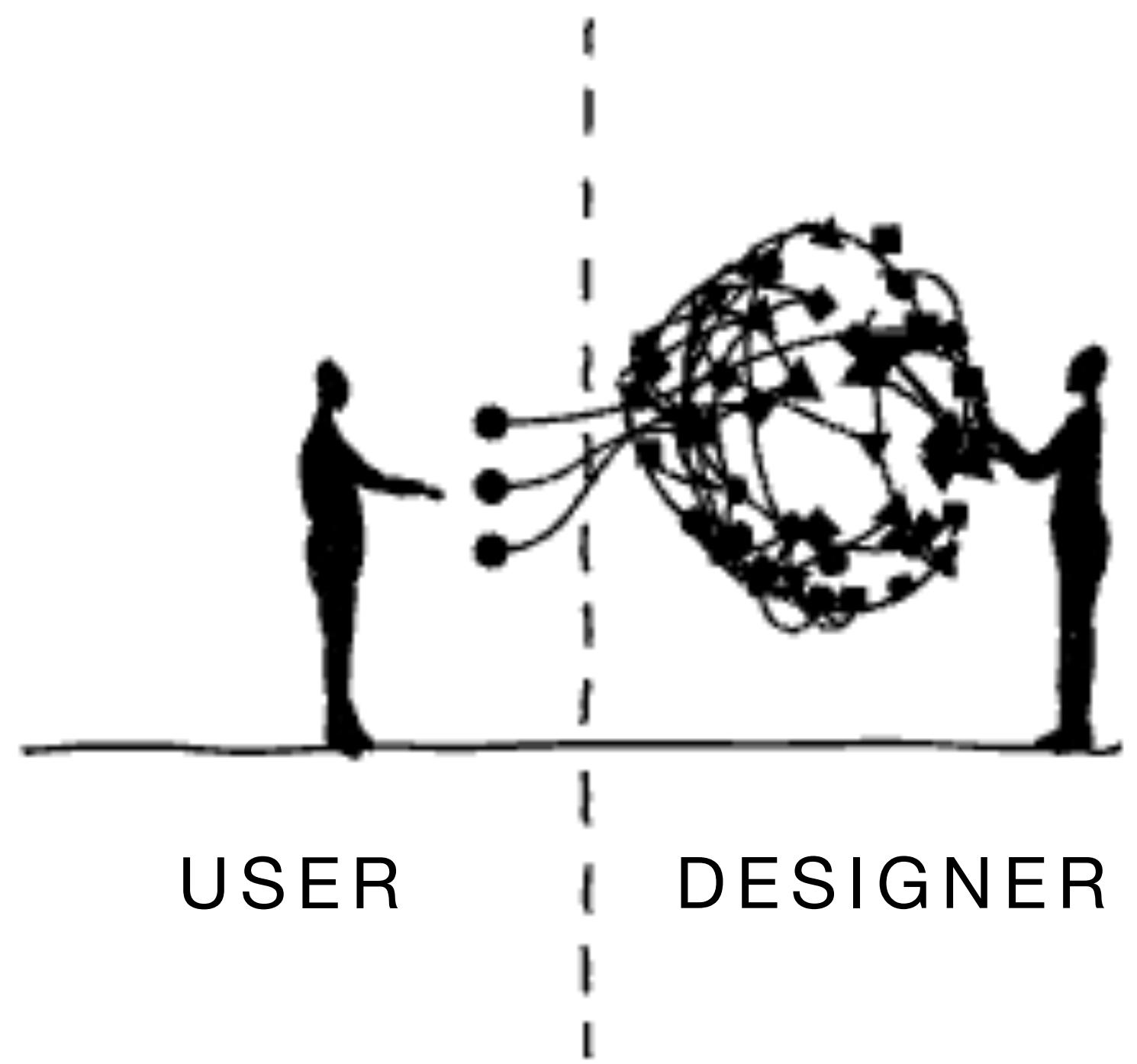
all the ways in which a person can interact with a machine or system; including computerised systems.

GUI

Graphical User Interface



A subset of user interfaces where the main way the computer systems communicate are through graphics on displays.



UDDANNESENSES TEKNISKE ELEMENTER

PROGRAMMERING AF BRUGERGRÆNSEFLADER OG INDHOLD



```
use strict";
const doc = document;
doc.addEventListener("DOMContentLoaded", function() {
  // const postFetchUrl = "http://out.cederdorff.com/wp-json/wp/v2/posts?_embed";
  const postFetchUrl = "http://api.cederdorff.com/wp-json/wp/v2/posts?_embed&categories=2";

  fetch(postFetchUrl)
    .then(function(response) {
      return response.json();
    })
    .then(function(posts) {
      console.log(posts);
      appendClients(posts);
    });

  function appendClients(clients) {
    let html = "";
    for (let i = 0; i < clients.length; i++) {
      let client = clients[i];
      console.log(client);
      if (i % 2 === 0) {
        html += `<div class="col-left even">`;
      } else {
        html += `<div class="col-right even">`;
      }
      html += `<div class="container">`;
      html += `<div class="center">`;
      html += `<h3>${client.title.rendered}</h3>`;
      html += `<p>${client.media_sub_title[0].rendered}</p>`;
      html += `<div class="client-links">`;
      html += `<a href="${client.link.url}" target="_blank">View more <i class="ion-ios-arrow-forward"></i> <a href="#">Edit</a> <i class="ion-ios-arrow-forward"></i>`;
      html += `</div>`;
      html += `</div>`;
      html += `</div>`;
    }
    document.body.innerHTML = html;
  }
});
```

PROGRAMMERING TIL WEB

... ALT DET VI SER I EN BROWSER

Google

google.com

Gmail Billeder Log ind

Google

Google-søgning Jeg prøver lykken

Google er tilgængelig på: Føroyskt

Danmark

CO2-neutral siden 2007

Om Annoncering Erhverv Sådan fungerer Google Søgning Privatliv Vilkår Indstillinger

Elements Console ↗ 1 ↘ 1 ⚙ ⋮ X

```
<!DOCTYPE html>
<html itemscope itemtype="http://schema.org/WebPage" lang="da">
  <head>...</head>
  <body jsmodel="hspDDf" jsaction="YUC7He:.CLIENT;vPBs3b:.CLIENT;IVKTfe:.CLIENT;KsNBn:.CLIENT;sbTXNb:.CLIENT;xjhTIf:.CLIENT;02vyse:.CLIENT;Ez7VMc:.CLIENT;qqf0n:.CLIENT;me3ike:.CLIENT;IrNywb:.CLIENT;Z94jBf:.CLIENT;A8708b:.CLIENT;YcfJ:.CLIENT;A6SDQe:.CLIENT;LjVEJd:.CLIENT;VM8bg:.CLIENT;hWT9Jb:.CLIENT;WCulWe:.CLIENT;NTJodf:.CLIENT;szjOR:.CLIENT;PY1zjf:.CLIENT;wnJTPd:.CLIENT;JL9QDc:.CLIENT;kWlxhc:.CLIENT;qGMTIf:.CLIENT">
    <style data-iml="1634195875072">...</style>
    ... <div class="L3eUgb" data-hveid="1"> flex == $0
      <div class="o3j99 n1xJcf Ne6nSd">...</div> flex
      <div class="o3j99 LLD4me yr19Zb LS80J">...</div> flex
      <div class="o3j99 ikrT4e om7nvf">...</div>
      <div class="o3j99 qarstb">...</div>
      <div class="o3j99 c93Gbe">...</div>
    </div>
    <div class="Fgvgjc">
      <style data-iml="1634195875111">
        .Fgvgjc{height:0;overflow:hidden}</style>
      <div class="gTMtLb fp-nh" id="lb">...</div>
      <div jscontroller="fKZehd" style="display:none" data-u="0" jsdata="C4mkuf;_;AzQv+I" jsaction="rcuQ6b:npT2md">
      <span style="display:none">...</span>
      <script nonce="4eyH3+1nxzKy0S3HAsRNUA==">...</script>
      <div>...</div>
    </div>
  </div>
```

html body div.L3eUgb

Styles Computed Layout Event Listeners DOM Breakpoints ↗

Filter :hov .cls + []

```
element.style {
}
.L3eUgb {
  display: flex;
  flex-direction: column;
}
```

Erhvervsakademi Aarhus - EAA X +

← → C 🔒 eaaa.dk Incognito :

CANVAS E19FRONT CANVAS EAAA APPS MS OFFICE CURRICULUMS BOOKS

ERHVERVSAKADEMI AARHUS DA / INT

Menu

Videregående uddannelser

Erhvervsakademi- og professionsbachelor-uddannelser med ny teoretisk viden, undervisning på små hold, praktikophold og tæt kontakt til erhvervslivet.

Hvad leder du efter?

Få hjælp til din ansøgning

Find al den info, du skal bruge, når du skal søge ind på en videregående uddannelse

Efteruddannelse og kurser

Få nye kompetencer, du kan bruge i dit job med det samme eller som springbræt videre i karrieren.

Start på en videregående

DA / INT

Elements Console Sources Network Performance Memory Application Security Lighthouse ▲ 1 Settings

Filter :hov .cls

element.style { }

body { min-height: 100vh; overflow: auto visible; background-color: #eaebf1; }

body, html { width: 100%; }

body { margin: 0; font-family: din-2014,-apple-system,BlinkMacSystemFont,Segoe UI,europa,Helvetica Neue,Arial,Noto Sans,sans-serif,Apple Color Emoji,Segoe UI Emoji,Segoe UI Symbol,Noto Color Emoji; font-size: 1.0625rem; font-weight: 300; line-height: 1.41176; color: #000; text-align: left; background-color: #efefef; }

* { -webkit-font-smoothing: antialiased; -moz-osx-font-smoothing: grayscale; }

*, :after, :before { box-sizing: border-box; }

body { display: block; margin: 8px; }

Inherited from html

:root { --yellow: #ffc107; --white: #fff; --black: #000; --primary: #41697e; --secondary: #000; --success: #57b7cb; --info: #e4e6ed; --warning: #ffc107; --danger: #e83443; --gold: #c8a053; --green: #57b7cb; --blue: #41697e; --red: #e83443; --gray-300: #f3f4f7; --gray-400: #e4e6ed; --gray-700: #c3c5c9; --breakpoint-xs: 0; --breakpoint-sm: 400px; --breakpoint-md: 800px; --breakpoint-lg: 1000px; }

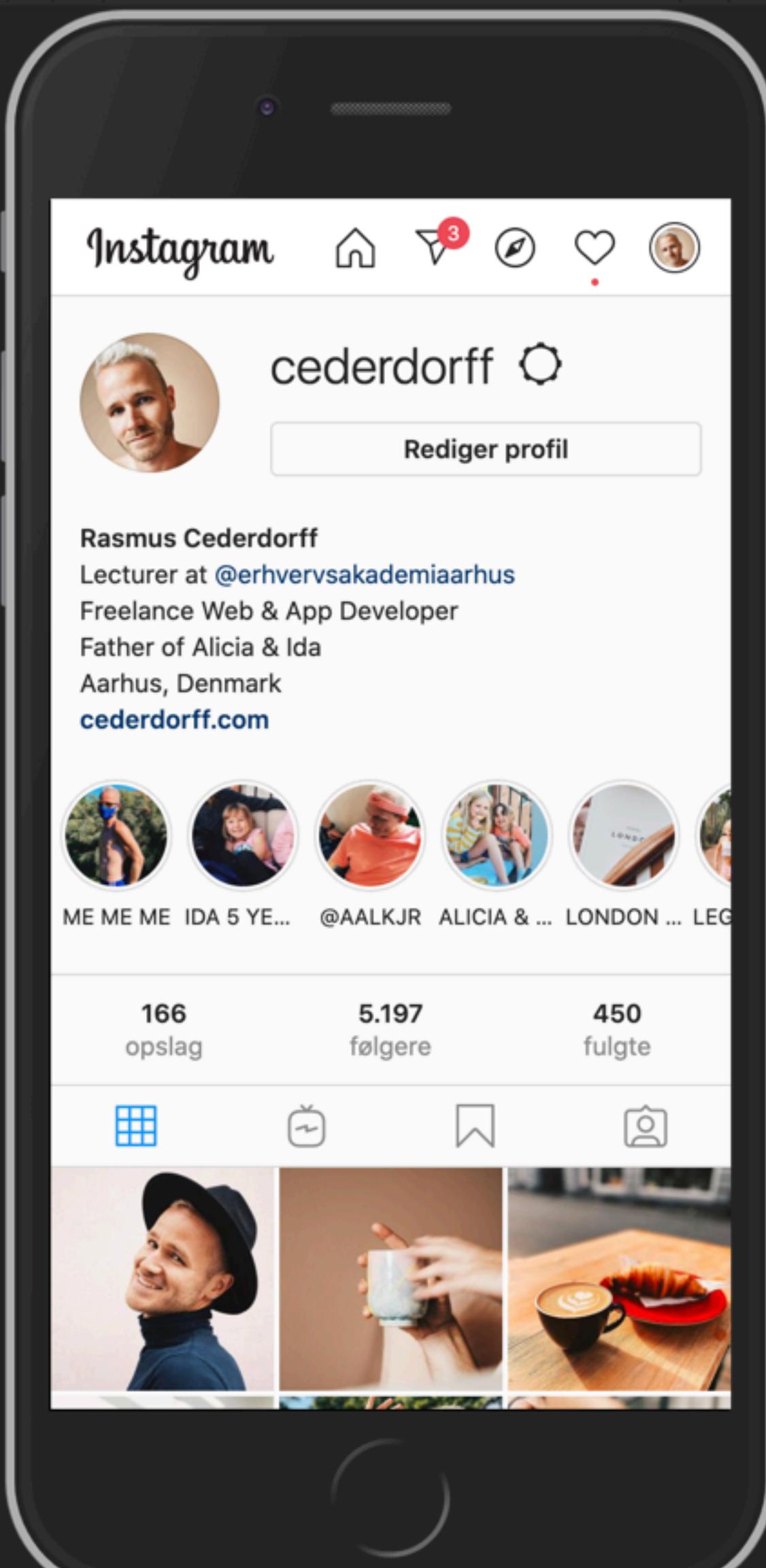
```
<!DOCTYPE html>
<html lang="da">
  <head>...</head>
  <body class=" == $0">
    <div class="cookie-overlay fade" id="cookieDialog" lang="da" dir="ltr" ng-non-bindable name="cookieDialog" style="display: none;">...</div>
    <!-- Google Tag Manager (noscript) -->
    <!-- End Google Tag Manager (noscript) -->
    <div class="main-wrapper">
      <header class="main-header">...</header>
      <div class="main">
        <div class="main-content">
          <div class="umb-element" id="uddannelser">
            <section class="p-default">
              <div class="row v-gutters align-items-stretch">
                <div class="col-12 col-md-6 grid01-item">...</div>
                <div class="col-12 col-md-6 grid01-item">...</div>
              </div>
            </section>
          </div>
          <div class="umb-element">...</div>
          <div class="umb-element" id="band-med-4-aktuelle-budskaber">...</div>
          <div class="umb-element" id="nyheder-title">...</div>
          <div class="umb-element" id="nyheder">...</div>
          <div class="umb-element" id="arrangementer-title">...</div>
          <div class="umb-element" id="arrangementer">...</div>
        </div>
        <div class="main-panel-wrapper">...</div>
        <footer class="main-footer">...</footer>
      </div>
      <script src="/main.20209281.js" defer></script>
      <div id="opacity-layer"></div>
      <iframe name="__uspapiLocator" tabindex="-1" role="presentation" aria-hidden="true" title="Blank" style="display: none; position: absolute; width: 1px; height: 1px; top: -9999px;">...</iframe>
      <iframe tabindex="-1" role="presentation" aria-hidden="true" title="Blank" src="https://consentcdn.cookiebot.com/sdk/bc.min.html" style="position: absolute; width: 1px; height: 1px; top: -9999px;">...</iframe>
      <script type="text/javascript" id="CookiebotCustomScript">...</script>
      <script type="text/javascript" id="...</script>
      <noscript>...</noscript>
      <script type="text/javascript" id="...</script>
      <noscript>...</noscript>
      <script height="0" width="0" style="display: none; visibility: hidden;" src="//6269280.fl.doubleclick.net/activity;src=6269280;type=besgw0;cat=d...cs=G111;audidc=1978665229.1603201714;~oref=https%3A%2F%2Fwww.eaaa.dk%2F?>...</script>
      <script type="text/javascript" id="fbq("trackCustom", "Engagement");</script>
    </body>
</html>
```

Rasmus Cederdorff (@cederdorff) +

← → C 🔒 instagram.com/cederdorff/ Incognito :

CANVAS E19FRONT CANVAS EAAA APPS MS OFFICE CURRICULUMS BOOKS

iPhone 6/7/8 ▾ 375 X 667 100% ▾ Online ▾



The screenshot shows the Instagram profile of Rasmus Cederdorff. At the top, there's a navigation bar with icons for home, direct messages (3 notifications), a leaf, a heart, and a profile picture. Below the bar, his username "cederdorff" is displayed next to a camera icon. A "Rediger profil" button is visible. The bio section includes the following text:
Rasmus Cederdorff
Lecturer at @erhvervsakademiaaarhus
Freelance Web & App Developer
Father of Alicia & Ida
Aarhus, Denmark
[cederdorff.com](#)

Below the bio, there are five small profile pictures of him and his family. The caption starts with "ME ME ME IDA 5 YE..." followed by other truncated text like "@AALKJR ALICIA & ... LONDON ... LEG".

At the bottom, engagement statistics are shown: 166 posts, 5.197 followers, and 450 following. Below these stats are four navigation icons: a grid, a TV, a bookmark, and a camera.

Three thumbnail images are displayed at the bottom: one of Rasmus wearing a black beanie, one of a hand holding a white mug, and one of a coffee cup with latte art.

Elements Console Sources Network Performance Memory Application Security Lighthouse ⚠ 2 ⚙ :

```
<!DOCTYPE html>
<html lang="da" class="js logged-in client-root js-focus-visible sDN5V">
  <head>...</head>
  <body class="style" == $0>
    <div id="react-root">
      <form enctype="multipart/form-data" method="POST" role="presentation">...
      </form>
      <section class="SCxLW o64aR" role="main">
        <div class="v9tJq AAaSh VfzDr">
          <header class="HVbuG">...</header>
          <div class="vDIg">...</div>
          <div class="4bSq7">...</div>
          <ul class="3dEHb">...</ul>
          <div class="fx7hk">...</div>
          <div class="2z6nI">
            <article class="ySN3v">
              <div style="flex-direction: column; padding-bottom: 0px; padding-top: 0px;">
                <div class="Nnq7C weEfm">...</div>
                </div>
              </div>
              <div class="4emnV">...</div>
            </article>
          </div>
        </main>
        <nav class="NXc7H jLuN9">...</nav>
        <footer class="8Rna9 _3Laht" role="contentinfo">...</footer>
      </section>
    </div>
    <script type="text/javascript">window._pendingAdditionalData(["feed"]);</script>
    <link rel="stylesheet" href="/static/bundles/es6/ConsumerUICommons.css/6a9060457779.css" type="text/css" crossorigin="anonymous">
    <link rel="stylesheet" href="/static/bundles/es6/Consumer.css/86e8a84cb4ec.css" type="text/css" crossorigin="anonymous">
    <script type="text/javascript">...</script>
    <script type="text/javascript" src="/static/bundles/es6/Vendor.js/c911f5848b78.js" crossorigin="anonymous"></script>
    <script type="text/javascript" src="/static/bundles/es6/da_DK.js/46c0d9b3257d.js" crossorigin="anonymous"></script>
    <script type="text/javascript" src="/static/bundles/es6/ConsumerLibCommons.js/4d50460379cf.js" crossorigin="anonymous"></script>
    <script type="text/javascript" src="/static/bundles/es6/ConsumerUICommons.js/f3fac56c708f.js" crossorigin="anonymous"></script>
    <script type="text/javascript" src="/static/bundles/es6/ConsumerAsyncCommons.js/c4ca4238a0b9.js" crossorigin="anonymous"></script>
    <script type="text/javascript" src="/static/bundles/es6/Consumer.js/e1e7b108fe2f.js" crossorigin="anonymous" charset="utf-8" async></script>
```

html.js.logged-in-client-root.js-focus-visible.sDN5V body

Styles Computed Event Listeners »

Filter :hov .cls +

```
element.style { }
body, button, input, textarea {
  color: #262626;
  color: rgba(var(--i1d,38,38,38),1);
  font-family: -apple-system,BlinkMacSystemFont,"Segoe UI",Roboto,Helvetica,Arial,sans-serif;
  font-size: 14px;
  line-height: 18px;
}
html, body, #react-root {
  height: 100%;
}
body {
  background: #fff;
  background: rgba(var(--d87,255,255,255),1);
  overflow-y: scroll;
}
body {
  line-height: 1;
}
a, abbr, acronym, address, applet, article, aside, audio, b, big, blockquote, body, canvas, caption, center, cite, code, dd, del, details, dfn, div, dl, dt, em, embed, fieldset, figcaption, figure, footer, form, h1, h2, h3, h4, h5, h6, header, hgroup, html, i, iframe, img, ins, kbd, label, legend, li, mark, menu, nav, object, ol, output, p, pre, q, ruby, s, samp, section, small, span, strike, strong, sub, summary, sup, table, tbody, td, tfoot, th, thead, time, tr, tt, u, ul, var, video {
  margin: 0;
  padding: 0;
  border: 0;
  font: inherit;
  vertical-align: baseline;
}
body {
  display: block;
  margin: 8px;
}
Inherited from html.js.logg...
.sDN5V {
  --i1d: 38,38,38;
  --edc: 199,199,199;
  --f75: 38,38,38;
  --fe0: 0,55,107;
  --d87: 255,255,255;
  --b3f: 250,250,250;
  --bb2: 239,239,239;
  --f23: 255,255,255;
  --b38: 219,219,219;
  --b6a: 219,219,219;
  --ca6: 219,219,219;
```

WEB TEKNOLOGIER

HTML



HTML

STRUCTURE
CONTENT

JS



JAVASCRIPT

FUNCTIONALITY
BEHAVIOR

CSS



CSS

LAYOUT / STYLING
PRESENTATION

HTML



HTML the Skeleton



CSS



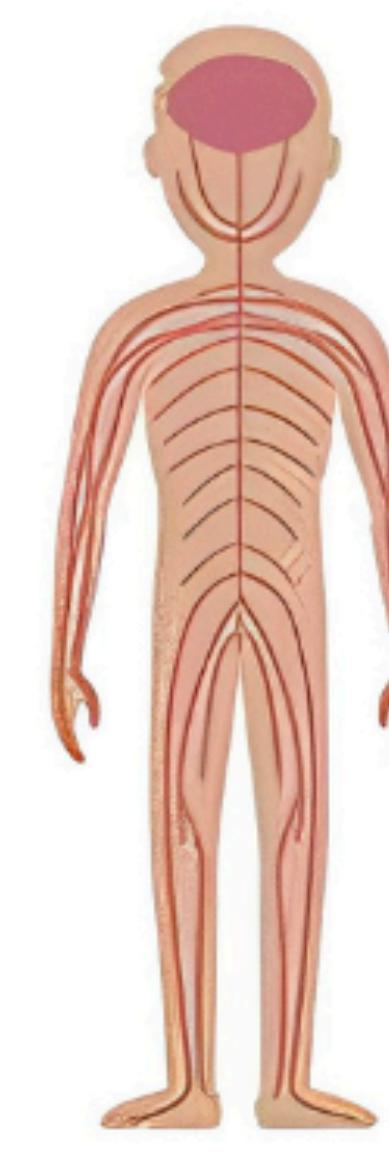
CSS the Skin



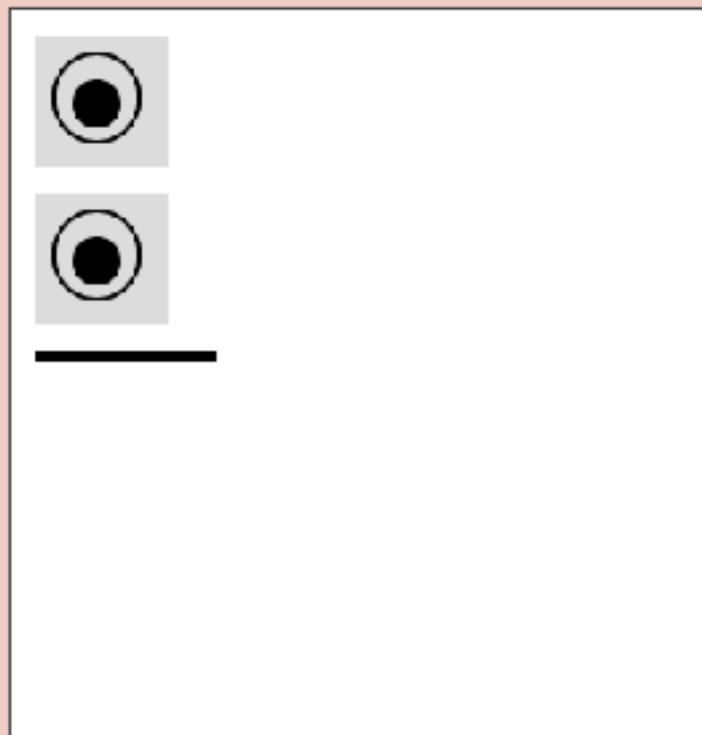
JS



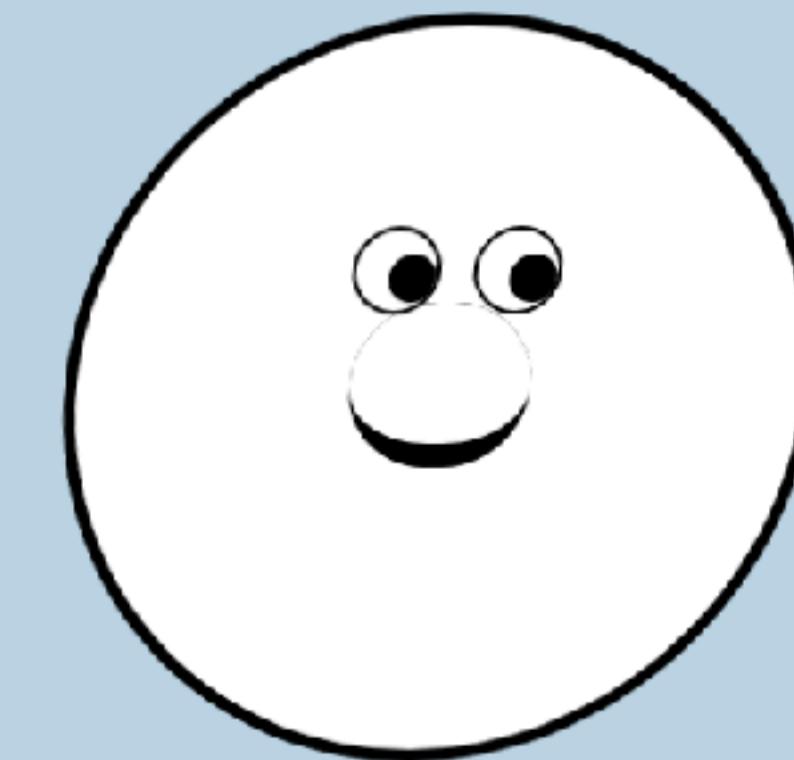
Javascript the Brain



HTML

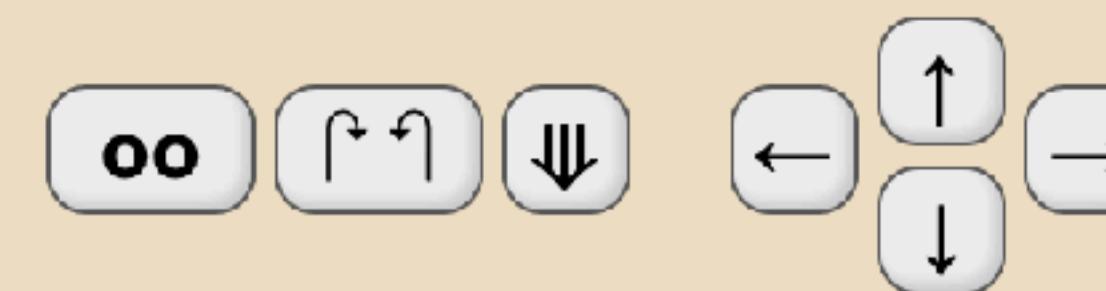


HTML + CSS



HTML + CSS + JS

Click here to PLAY!



What is HTML?

- Hyper Text Markup Language
- Standard markup language for creating Web pages
- Describes the structure of a Web page
- Consists of a series of elements (tags)
- HTML elements tell the browser how to display the content
- HTML elements can be headings, paragraphs, links, etc.

https://www.w3schools.com/html/html_intro.asp

```
index.html x
1  <!DOCTYPE html>
2  <html>
3    <head>
4      <title>Page Title</title>
5    </head>
6    <body>
7      <h1>This is a Heading</h1>
8      <p>This is a paragraph.</p>
9    </body>
10   </html>
11
```

Anatomy of an HTML document

index.html x

Browser Tests

```
1 <!DOCTYPE html>
2 <html>
3   <head>
4     <title>Page Title</title>
5   </head>
6   <body>
7     <h1>This is a Heading</h1>
8     <p>This is a paragraph.</p>
9   </body>
10 </html>
```

< > ⌂

https://9nypo.csb.app/

This is a Heading

This is a paragraph.

```
index.html ×  
1  <!DOCTYPE html>  
2  <html>  
3    <head>  
4      <title>Page Title</title>  
5    </head>  
6    <body>  
7      <h1>This is a Heading</h1>  
8      <p>This is a paragraph.</p>  
9    </body>  
10   </html>  
11
```

The `<!DOCTYPE html>` declaration defines that this document is an HTML5 document

The `<html>` element is the root element of an HTML page

The `<head>` element contains meta information about the HTML page

The `<title>` element specifies a title for the HTML page (which is shown in the browser's title bar or in the page's tab)

The `<body>` element defines the document's body, and is a container for all the visible contents, such as headings, paragraphs, images, hyperlinks, tables, lists, etc.

The `<h1>` element defines a large heading

The `<p>` element defines a paragraph

index.html

```
1  <!DOCTYPE html>
2  <html>
3    <head>
4      <title>Page Title</title>
5    </head>
6    <body>
7      <h1>This is a Heading</h1>
8      <p>This is a paragraph.</p>
9    </body>
10   </html>
```

```
<html>

  <head>
    <title>Page title</title>
  </head>

  <body>
    <h1>This is a heading</h1>
    <p>This is a paragraph.</p>
    <p>This is another paragraph.</p>
  </body>

</html>
```

The Purpose of the Browser

... to read HTML documents and display them correctly. The browsers use HTML elements (also called tags) to determine how to display the HTML documents and their content.



```
1  <!DOCTYPE html>
2  <html>
3    <head>
4      <title>Page Title</title>
5    </head>
6    <body>
7      <h1>This is a Heading</h1>
8      <p>This is a paragraph.</p>
9    </body>
10   </html>
```

This is a Heading

This is a paragraph.

index.html

styles.css

Browser Tests

```
1 body {  
2   font-family: Helvetica, Arial, sans-serif;  
3   text-align: center;  
4 }  
5
```

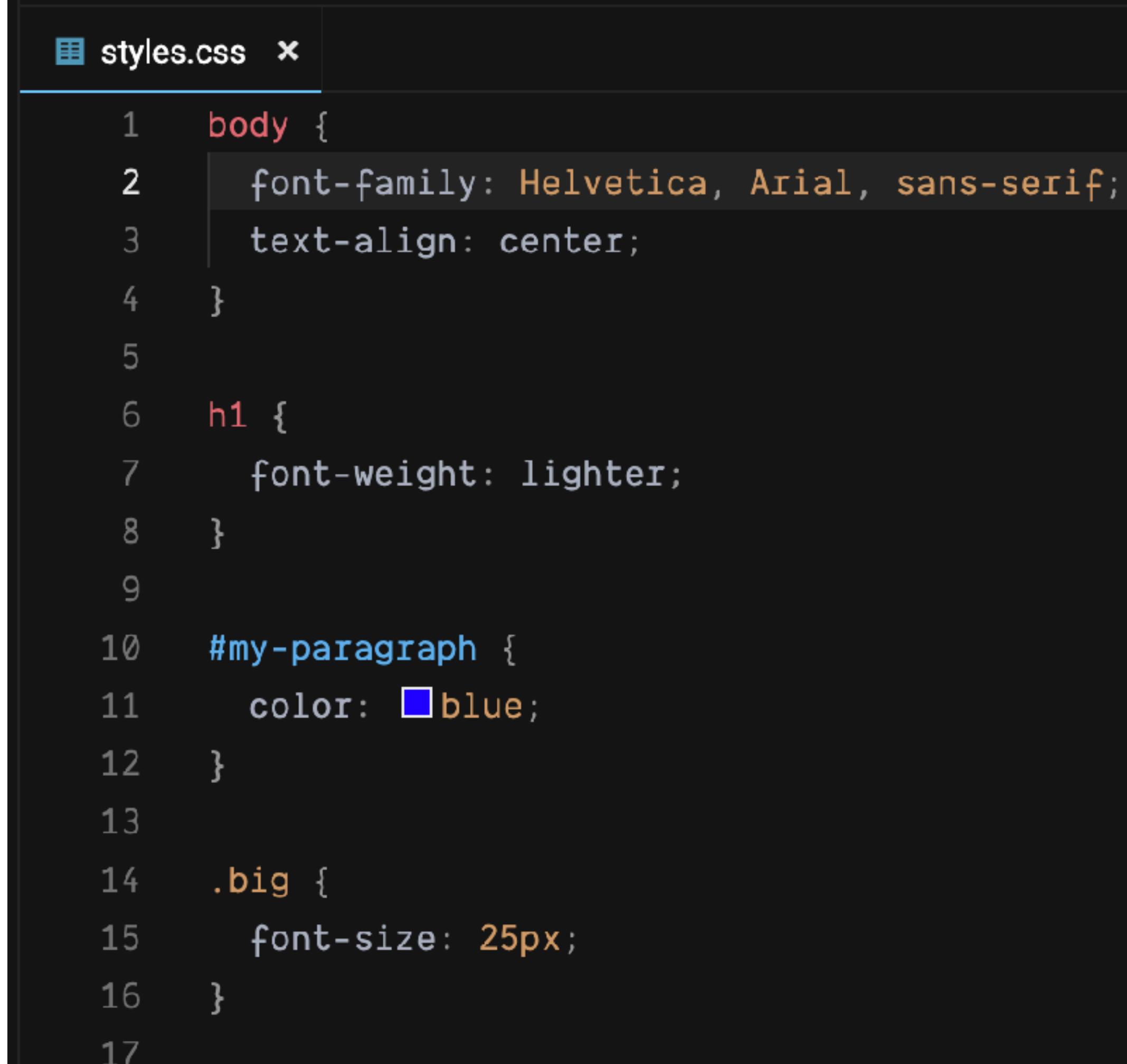
< > ⌂ https://9nypo.csb.app/

This is a Heading

This is a paragraph.

WHAT IS CSS?

- **CSS** stands for **Cascading Style Sheets**
- CSS describes how HTML elements are to be displayed on screen, paper, or in other media
- CSS **saves a lot of work**. It can control the layout of multiple web pages all at once
- External stylesheets are stored in **CSS files**



```
styles.css x
1 body {
2   font-family: Helvetica, Arial, sans-serif;
3   text-align: center;
4 }
5
6 h1 {
7   font-weight: lighter;
8 }
9
10 #my-paragraph {
11   color: blue;
12 }
13
14 .big {
15   font-size: 25px;
16 }
17
```

CSS Introduction

w3schools.com/css/css_intro.asp

Incognito

HTML CSS JAVASCRIPT SQL PYTHON PHP BOOTSTRAP MORE REFERENCES CERTIFICATES

COLOR PICKER

SHOP

HOW TO

Tabs
Dropdowns
Accordions
Side Navigation
Top Navigation
Modal Boxes
Progress Bars
Parallax
Login Form
HTML Includes
Google Maps
Range Sliders
Tooltips
Slideshow
Filter List
Sort List

CSS Tutorial

- CSS HOME
- CSS Introduction**
- CSS Syntax
- CSS Selectors
- CSS How To
- CSS Comments
- CSS Colors
- CSS Backgrounds**
- CSS Borders
- CSS Margins
- CSS Padding
- CSS Height/Width
- CSS Box Model
- CSS Outline
- CSS Text
- CSS Fonts
- CSS Icons
- CSS Links
- CSS Lists
- CSS Tables
- CSS Display
- CSS Max-width
- CSS Position
- CSS Overflow
- CSS Float

Welcome to My Homepage

Use the menu to select different Stylesheets

Stylesheet 1

Stylesheet 2

Stylesheet 3

Stylesheet 4

No Stylesheet

Same Page Different Stylesheets

This is a demonstration of how different stylesheets can change the layout of your HTML page. You can change the layout of this page by selecting different stylesheets in the menu, or by selecting one of the following links:

[Stylesheet1](#), [Stylesheet2](#), [Stylesheet3](#), [Stylesheet4](#).

No Styles

This page uses DIV elements to group different sections of the HTML page. Click here to see how the page looks like with no stylesheet:

[No Stylesheet](#).

Side-Bar

Lore ipsum dolor sit amet, consectetuer adipiscing elit, sed diam nonummy nibh euismod tincidunt ut laoreet dolore magna aliquam erat volutpat.

< index.html x

Browser Tests

1 <!DOCTYPE html>
2 <html>
3 <head>
4 <title>Page Title</title>
5 <link rel="stylesheet" href="styles.css" />
6 </head>
7 <body>
8 <h1>This is a Heading</h1>
9 <p>This is a paragraph.</p>
10 </body>
11 </html>
12

https://9nypo.csb.app/

This is a Heading
This is a paragraph.

styles.css x

1 body {
2 font-family: Helvetica, Arial, sans-serif;
3 text-align: center;
4 }
5
6 h1 {
7 font-weight: lighter;
8 }
9

index.html x

Browser Tests

< > ⌂ https://9nypo.csb.app/

```
1  <!DOCTYPE html>
2  <html>
3      <head>
4          <title>Page Title</title>
5          <link rel="stylesheet" href="styles.css" />
6      </head>
7      <body>
8          <h1>This is a Heading</h1>
9          <p>This is a paragraph.</p>
10         <p id="my-paragraph">This is another paragraph.</p>
11     </body>
12 </html>
13
```

This is a Heading

This is a paragraph.

This is another paragraph.

styles.css x

...

```
1  body {
2      font-family: Helvetica, Arial, sans-serif;
3      text-align: center;
4  }
5
6  h1 {
7      font-weight: lighter;
8  }
9
10 #my-paragraph {
11     color: blue;
12 }
```

index.html

```
1 <!DOCTYPE html>
2 <html>
3   <head>
4     <title>Page Title</title>
5     <link rel="stylesheet" href="styles.css" />
6   </head>
7   <body>
8     <h1>This is a Heading</h1>
9     <p>This is a paragraph.</p>
10    <p id="my-paragraph">This is another paragraph.</p>
11    <p class="big">This is another paragraph.</p>
12  </body>
13 </html>
14
```

styles.css

```
1 body {
2   font-family: Helvetica, Arial, sans-serif;
3   text-align: center;
4 }
5
6 h1 {
7   font-weight: lighter;
8 }
9
10 #my-paragraph {
11   color: blue;
12 }
13
14 .big {
15   font-size: 25px;
16 }
```

Browser Tests

https://9nypo.csb.app/

This is a Heading

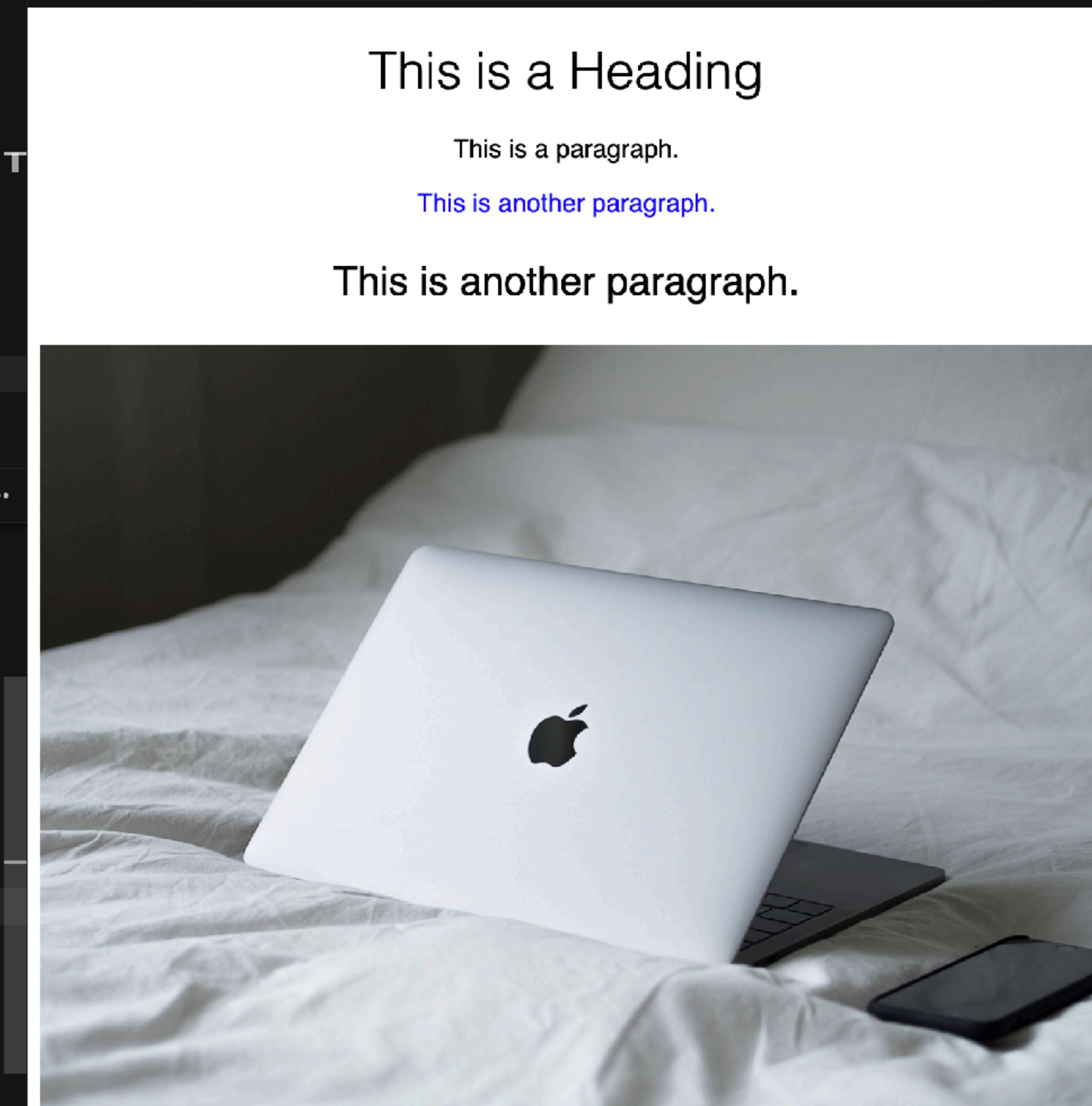
This is a paragraph.

This is another paragraph.

This is another paragraph.

```
index.html < > C https://9nypo.csb.app/ Browser Tests  
1  <!DOCTYPE html>  
2  <html>  
3  <head>  
4  <title>Page Title</title>  
5  <link rel="stylesheet" href="styles.css" />  
6  </head>  
7  <body>  
8  <h1>This is a Heading</h1>  
9  <p>This is a paragraph.</p>  
10 <p id="my-paragraph">This is another paragraph.</p>  
11 <p class="big">This is another paragraph.</p>  
12   
13 </body>  
14 </html>
```

```
styles.css < ...  
9  
10 #my-paragraph {  
11   color: blue;  
12 }  
13  
14 .big {  
15   font-size: 25px;  
16 }  
17  
18 img {  
19   width: 100%;  
20 }
```



CSS SELECTORS

CSS selectors are used to "find" (or select) the HTML elements you want to style.

Simple selectors (name, id, class)

Combinator selectors (a specific relationship between them)

Pseudo-class selectors (a certain state)

Pseudo-elements selectors (a part of an element)

Attribute selectors (attribute or attribute value)

GETTING STARTED

1. Go to: <https://codesandbox.io/>
2. Sign In
3. Open this project: <https://codesandbox.io/s/html-css-javascript-starter-whlnu>
4. Add a paragraph.
5. Add styling (CSS).
6. Center all elements (text-align: center)
7. Change the color and font size.
8. Add an image ()
9. Set/ change the width of the image.

```
index.html
1 <!DOCTYPE html>
2 <html>
3   <head>
4     <title>Page Title</title>
5     <link rel="stylesheet" href="styles.css" />
6   </head>
7   <body>
8     <h1>This is a Heading</h1>
9     <p>This is a paragraph.</p>
10    <p id="my-paragraph">This is another paragraph.</p>
11    <p class="big">This is another paragraph.</p>
12  </body>
13 </html>
14
```



```
styles.css
1 body {
2   font-family: Helvetica, Arial, sans-serif;
3   text-align: center;
4 }
5
6 h1 {
7   font-weight: lighter;
8 }
9
10 #my-paragraph {
11   color: blue;
12 }
13
14 .big {
15   font-size: 25px;
16 }
```

S O L U T I O N

<https://codesandbox.io/s/html-css-javascript-9nypo>

Grid & Flexbox

... two CSS layout models that can be used to create layouts with just a couple of CSS rules.

... responsive and flexible layouts.

CSS Grids

CSS Grid Teachers

Column 1	Column 2	Column 3
Birgitte Kirk Iversen Senior Lecturer hki@mail.dk	Martin Aagaard Nøhr Lecturer mnor@mail.dk	Peter Lind Senior Lecturer peli@kua.dk
Column 1	Column 2	Column 3

Header

Column

Column

Column

Footer

Amerikanske chocolate chip cookies

Cookies

Klassiske amerikanske cookies - spredt udenpå og bløde indeni... Og hvis der er noget de virkelig kan, derover på den anden side af atlanten, så er det at bage cookies. Om vi kalder dem Chocolate chip cookies eller bare Cookies, ger nok ikke den store forskel. Der er chokoladestykker i - og de smager prægtfuldt. Prøv denne opskrift på den perfekte Chocolate chip cookie, næste gang kiksersluten banker på døren!

Ingredienser

Cookies

- Blædt smør, 150 g
- Sukker, ca. 1½ dl 125 g
- Brun farrin, ca. 1½ dl 125 g
- Vand/jakkevand, 2 tspl.
- Æg, 1
- Hvedemel (ca. 4½ dl), 250 g
- Natur, 1 tspl.
- Græn salt, ¼ tspl.
- Bagpulver, ½ tspl.

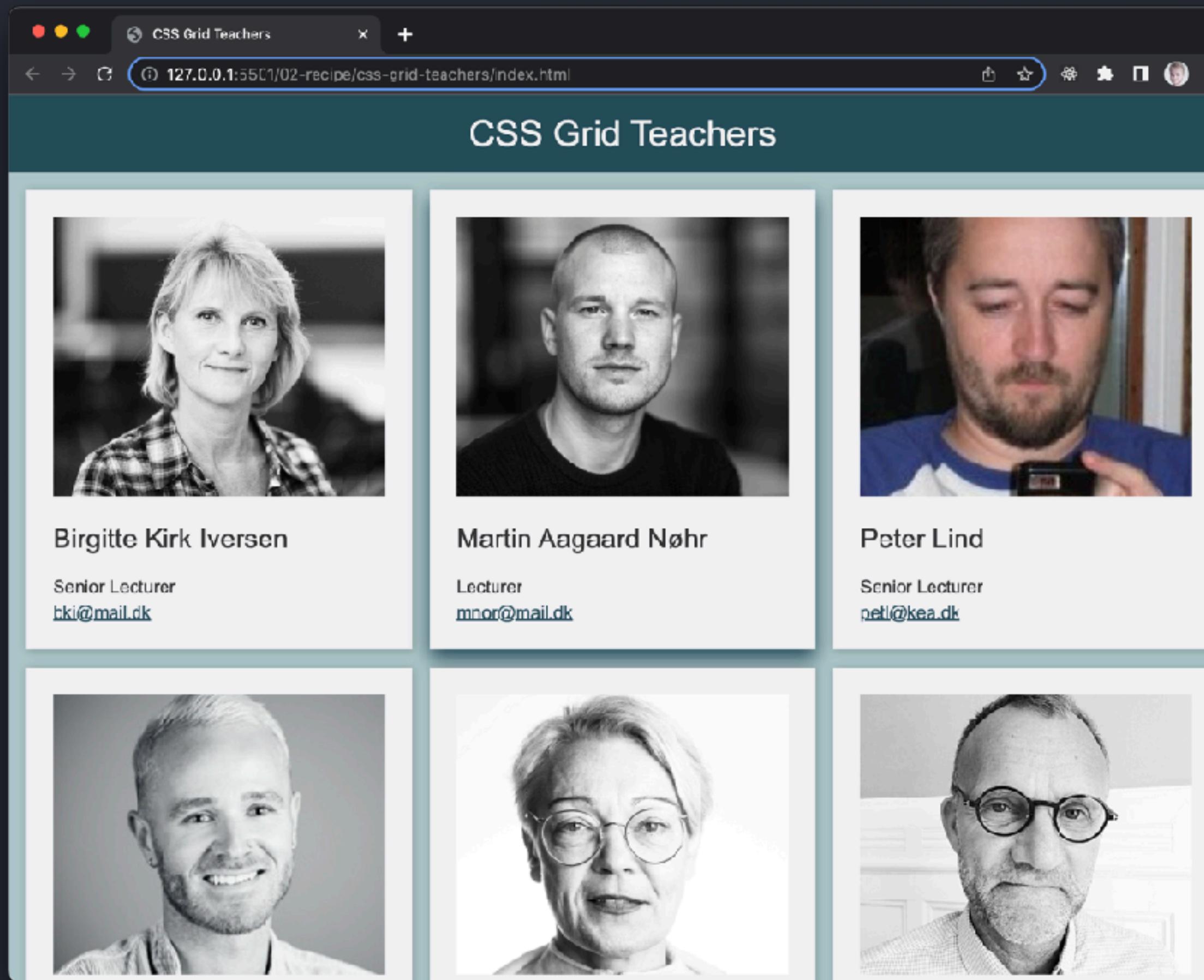
Sådan gør du

Cookies

1. Pak smør, sukker, brun farrin, vanille og æg godt sammen.
2. Bland hvedemel, natur, salt og bagpulver og vær det i smørblandingen sammen med chokolade.
3. Del degen i 20 stykker à ca. 45 g og form dem til kugler.
4. Sat kuglerne på plader med bagpapir - tryk dem let flate. Kagejern fylder en del ud, så seg for, at der er god plads imellem dem.
5. Bag kuglerne til da er pydte, men bløde i midten.
6. Lad kagejern afkøle ca. 6 min. på bagpladen og flyt dem så over på en rist.

Bagtid

CSS Grid



```
<section class="grid-container">...</section>

/* ----- grid container styling ----- */
.grid-container {
  display: grid;
  grid-template-columns: 1fr;
  gap: 1em;
  padding: 1em;
}

@media (min-width: 600px) {
  .grid-container {
    grid-template-columns: 1fr 1fr;
  }
}

@media (min-width: 992px) {
  .grid-container {
    grid-template-columns: 1fr 1fr 1fr;
  }
}
```

w CSS Templates

w3schools.com/css/css_templates.asp

HTML CSS JAVASCRIPT SQL PYTHON PHP BOOTSTRAP HOW TO W3.CSS JAVA JQUERY C++

CSS Multiple Columns
CSS User Interface
CSS Variables
CSS Box Sizing
CSS Media Queries
CSS MQ Examples
CSS Flexbox

CSS Layout Templates

We have created some responsive starter templates with CSS.

You are free to modify, save, share, and use them in all your projects.

Header, equal columns and footer:

Try it (using float) »

Try it (using flexbox) »

Try it (using grid) »

Header, unequal columns and footer:

Try it (using float) »

Try it (using flexbox) »

Try it (using grid) »

Topnav, content and footer:

Sidenav and content:

NetSikker inkluderet
sikrer dig hjælp ved digitale krænkelser
Se vilkår på telenor.dk

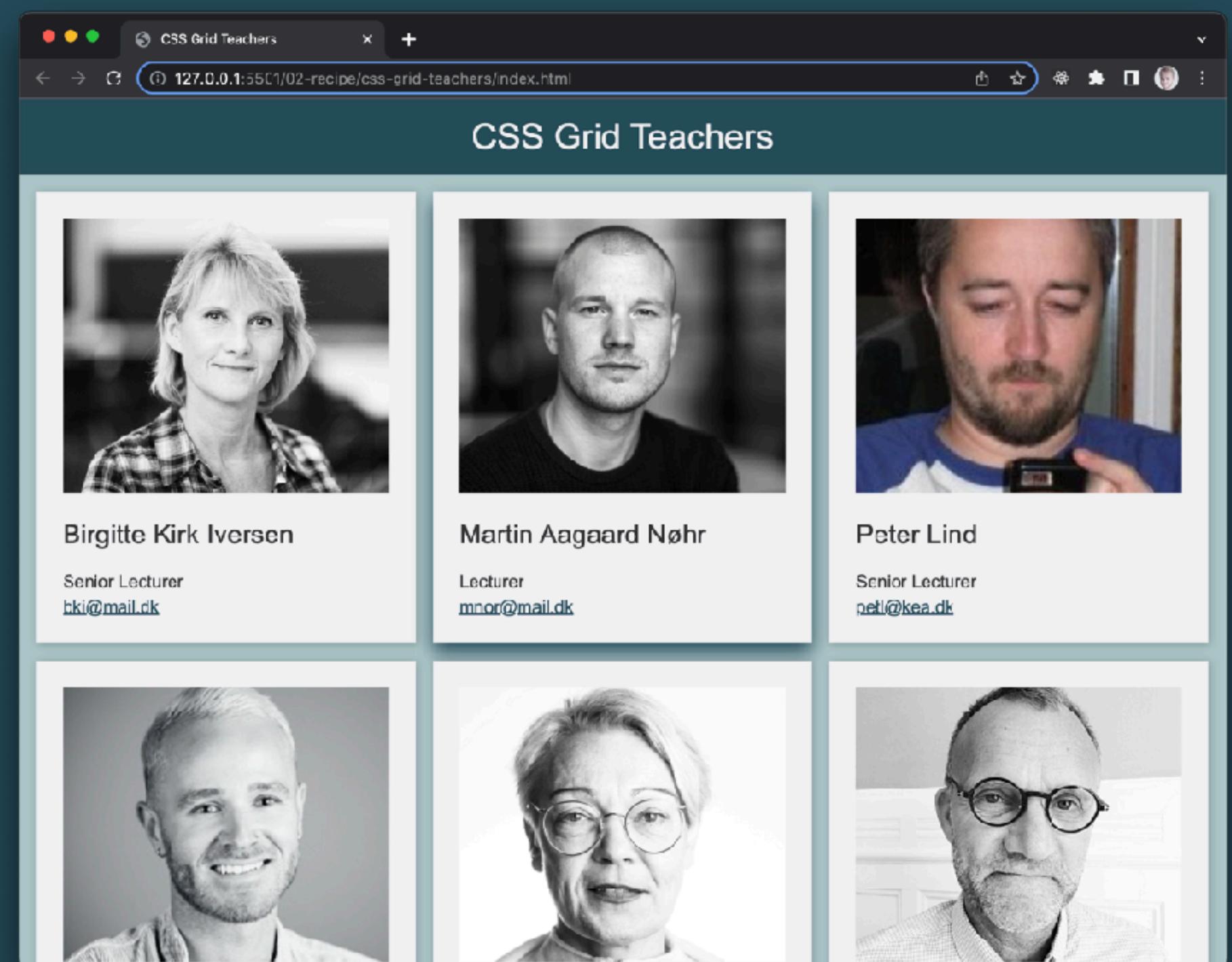
NEW
We just launched W3Schools videos
Explore now

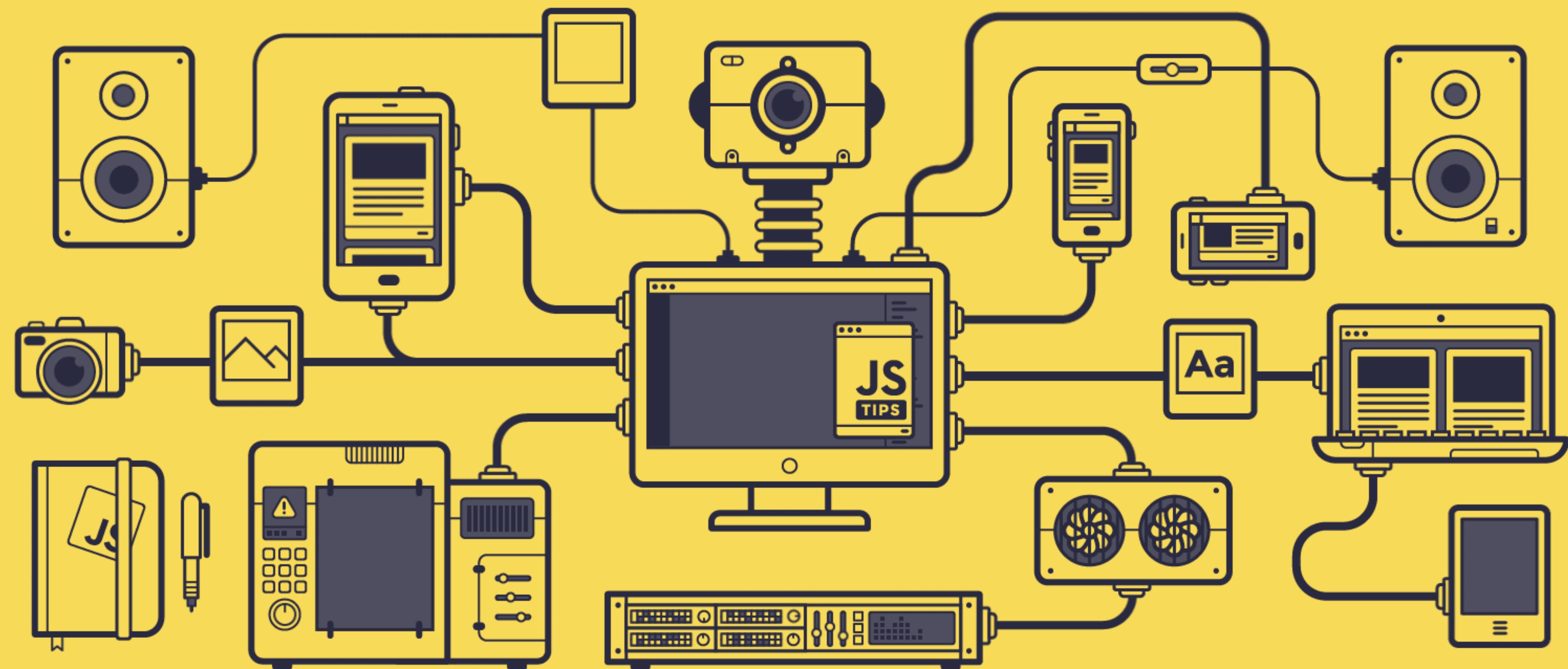
COLOR PICKER

LIKE US

GRID TEACHERS

1. Åben og brug denne skabelon: <https://codesandbox.io/s/grid-teachers-template-vdimm>
2. Centrer overskriften (h1)
3. Tilføj to underviser mere fra <https://www.eaaa.dk/kontakt/find-medarbejder/>
4. Tilføj en baggrundsfarve på fx body
5. Ændre vægtningen på overskrifter (font-weight) på fx h1 og h2)
6. Tilpas farven på alle links (a)
7. Tilpas anden styling (css). Se fx: <https://www.w3schools.com/css/>





The screenshot shows the CodeSandbox interface with two code editors and a preview window.

index.html:

```
1 <!DOCTYPE html>
2 <html>
3   <head>
4     <title>Page Title</title>
5     <link rel="stylesheet" href="styles.css" />
6   </head>
7   <body>
8     <h1>This is a Heading</h1>
9     <p>This is a paragraph.</p>
10    <button>Try me</button>
11    <script src="app.js"></script>
12  </body>
13</html>
```

app.js:

```
1 function changeMyWebsite() {
2   document.body.style.backgroundColor = "red";
3   document.body.style.color = "white";
4   document.querySelector("h1").innerHTML = "My new header";
5   alert("Hi, Welcome to my web app!");
6 }
7
8 document.querySelector("button").addEventListener("click", changeMyWebsite);
9 |
```

https://brg12.csb.app/

This is a Heading

This is a paragraph.

Try me

<https://codesandbox.io/s/javascript-starter-brg12>

What is JavaScript?

- The world's most popular programming language.
- The programming language of the Web.
- Easy to learn.
- Can change content of a webpage (HTML content).
- Can change styling of HTML.

index.html x

```
1 <!DOCTYPE html>
2 <html>
3   <head>
4     <title>Page Title</title>
5     <link rel="stylesheet" href="styles.css" />
6   </head>
7   <body>
8     <h1>This is a Heading</h1>
9     <p>This is a paragraph.</p>
10    <button>Try me</button>
11    <script src="app.js"></script>
12  </body>
13</html>
```

js app.js x

```
1 function changeMyWebsite() {
2   document.body.style.backgroundColor = "red";
3   document.body.style.color = "white";
4   document.querySelector("h1").innerHTML = "My new header";
5   alert("Hi, welcome to my web app!");
6 }
7
8 document.querySelector("button").addEventListener("click", changeMyWebsite);
9
```

The screenshot shows a code editor interface with two files open: `index.html` and `app.js`. The `index.html` file contains the following HTML code:

```
<!DOCTYPE html>
<html>
  <head>
    <title>Page Title</title>
    <link rel="stylesheet" href="styles.css" />
  </head>
  <body>
    <h1>This is a Heading</h1>
    <p>This is a paragraph.</p>
    <input type="text" placeholder="Type your name" id="name" />
    <button>Try me</button>
    <script src="app.js"></script>
  </body>
```

The `app.js` file contains the following JavaScript code:

```
function alertName() {
  const name = document.querySelector("input").value;
  alert("Hi, " + name + "! Welcome to my web app!");
}

document.querySelector("button").addEventListener("click", alertName);
```

Browser Tests Terminal

< > ⌂ https://brg12.csb.app/

This is a Heading

This is a paragraph.

Type your name

Try me

<https://codesandbox.io/s/javascript-input-okm7e>

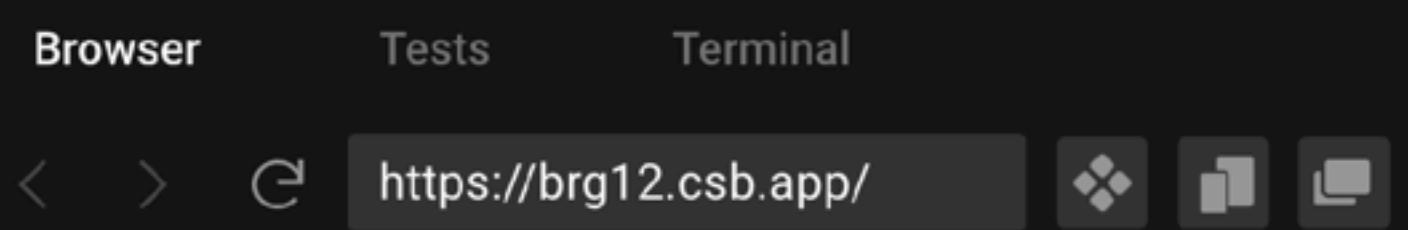
The screenshot shows a code editor interface with two files open: `index.html` and `app.js`. The `index.html` file contains the following HTML code:

```
<!DOCTYPE html>
<html>
  <head>
    <title>Page Title</title>
    <link rel="stylesheet" href="styles.css" />
  </head>
  <body>
    <h1>This is a Heading</h1>
    <p>This is a paragraph.</p>
    <input type="text" placeholder="Type your name" id="name" />
    <button>Try me</button>
    <section id="content"></section>
    <script src="app.js"></script>
  </body>
```

The `app.js` file contains the following JavaScript code:

```
function displayName() {
  const name = document.querySelector("input").value;
  document.querySelector("#content").insertAdjacentText("beforeend", name);
}

document.querySelector("button").addEventListener("click", displayName);
```



This is a Heading

This is a paragraph.

Rasmus Cederdorff

Try me

Rasmus Cederdorff

DOM MANIPULATION

```
// declaring a variable with a value
let message = "Hi Frontenders!"

//accessing the variable and logging it to the console
console.log(message);

// appending the variable (the string) to the DOM element #content
document.querySelector("#content").innerHTML = message;
```

```
<body>
  <header>
    <h1>PROJECT TEMPLATE</h1>
  </header>
  <section id="content"></section>
  <!-- main is file -->
  <script src="js/main.js"></script>
</body>
```



JavaScript Introduction × +

w3schools.com/js/js_intro.asp Incognito :

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JS Tutorial
JS HOME
JS Introduction
JS Where To
JS Output
JS Statements
JS Syntax
JS Comments
JS Variables
JS Operators
JS Arithmetic
JS Assignment
JS Data Types
JS Functions
JS Objects
JS Events
JS Strings
JS String Methods
JS Numbers
JS Number Methods
JS Arrays
JS Array Methods
JS Array Sort
JS Array Iteration
JS Dates
JS Date Formats
JS Date Get Methods

JavaScript Can Change HTML Attribute Values

In this example JavaScript changes the value of the `src` (source) attribute of an `` tag:

The Light Bulb

Turn on the light Turn off the light

Try it Yourself »

ADVERTISEMENT

Get Certified in HTML, CSS, and JavaScript

Get Certified >

Progress Bars
Parallax
Login Form
HTML Includes
Google Maps
Range Sliders
Tooltips
Slideshow
Filter List
Sort List

SHARE

f t l

CERTIFICATES

HTML
CSS
JavaScript
Python
SQL
PHP
And more

index.html x

```
1 <!DOCTYPE html>
2 <html>
3   <head>
4     <title>Page Title</title>
5     <link rel="stylesheet" href="styles.css" />
6   </head>
7   <body>
8     <h1>This is a Heading</h1>
9     <p>This is a paragraph.</p>
10    <button>Try me</button>
11    <script src="app.js"></script>
12  </body>
13</html>
14
```

js app.js x

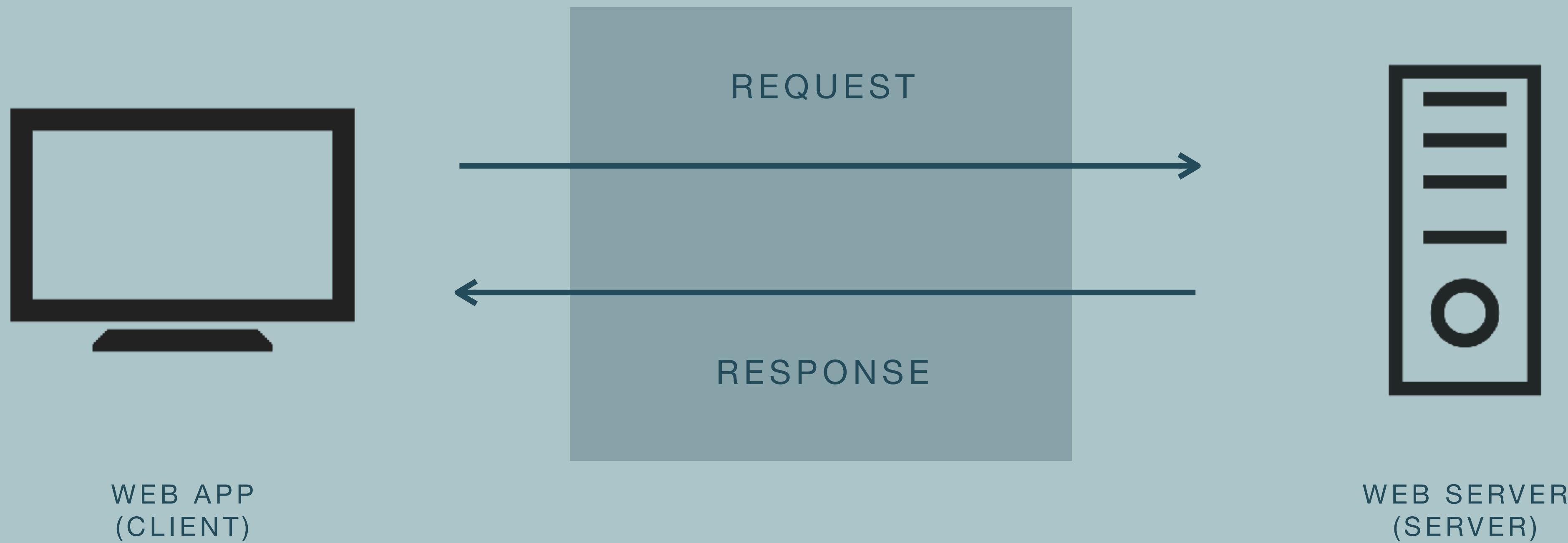
```
1 function changeMyWebsite() {
2   document.body.style.backgroundColor = "red";
3   document.body.style.color = "white";
4   document.querySelector("h1").innerHTML = "My new header";
5   alert("Hi, welcome to my web app!");
6 }
7
8 document.querySelector("button").addEventListener("click", changeMyWebsite);
9
```

With JavaScript we are able to

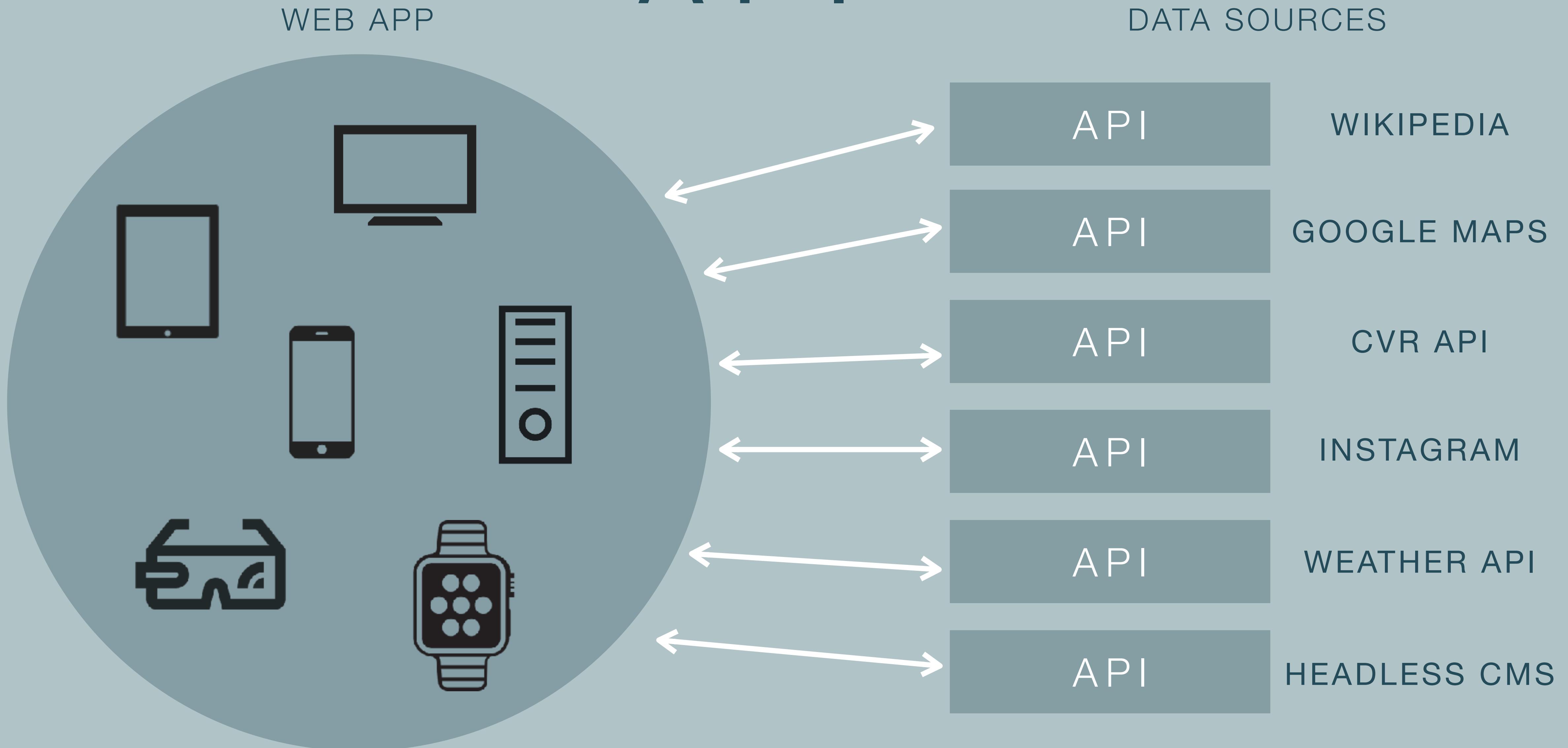
- build dynamic web pages and web apps.
- fetch content/ data from a backend (web service, data source, etc.) through an API.
- do DOM-manipulation.
- build and develop anything 🤖

<https://www.w3schools.com/js/default.asp>

CLIENT SERVER MODEL



API



cederdorff

Drafts / grid-teachers-fetch

0 Share Fork Create

index.html

```
8 <header>
9   <h1>MDU Teachers</h1>
10 </header>
11 <section id="teachers" class="grid-container"></section>
12
13   <script src="app.js"></script>
14 </body>
15 </html>
```

JS app.js

```
1 function fetchTeachers() {
2   fetch(
3     "https://raw.githubusercontent.com/cederdorff/mdu-frontend/main/data/teachers.json"
4   )
5     .then((response) => response.json())
6     .then((data) => appendTeachers(data));
7 }
8
9 fetchTeachers();
10
11 function appendTeachers(teachers) {
12   for (const teacher of teachers) {
13     document.querySelector("#teachers").innerHTML += `
14       <article class="grid-item">
15         
18         <h2>${teacher.name}</h2>
19         <p>${teacher.position}</p>
20         <a href="mailto:${teacher.mail}">${teacher.mail}</a>
21       </article>
22     `;
23   }
24 }
25
```

Browser Tests Terminal

https://3ojxr.csb.app/

MDU Teachers

Birgitte Kirk Iversen
Senior Lecturer
bki@baaa.dk

Dan Okkels Brendstrup
Lecturer
dob@baaa.dk

Console 0 Problems 0

fb3bcd59e

Ln 1, Col 1 Spaces: 2 UTF-8 LF JavaScript

<https://codesandbox.io/s/grid-teachers-fetch-3ojxr>

CREATE YOUR OWN WEBPAGE

1. Open dette projekt: <https://codesandbox.io/s/html-css-javascript-my-webpage-starter-odt36>
2. Tilpas indholdet: dit navn, kort beskrivelse af dig, mail, webpage eller din skoles, evt. billede
3. Tilføj en ny paragraf (`<p></p>`) hvor du kort beskriver hvorfor du meldte dig til studiepraktik på multimediedesigneruddannelsen.
4. Tilføj et grid hvor du viser undervisere. Evt med `fetch`
5. Test din løsning
6. Prøv at ændre noget styling (CSS).



Rasmus Cederdorff

Underviser i Frontendudvikling
race@eaaa.dk cederdorff.com



PROJECTS

<https://codesandbox.io/s/html-css-javascript-starter-whlnu>

<https://codesandbox.io/s/html-css-javascript-9nypo>

<https://codesandbox.io/s/javascript-starter-brg12>

<https://codesandbox.io/s/javascript-input-okm7e>

<https://codesandbox.io/s/html-css-javascript-my-webpage-starter-odt36>

<https://codesandbox.io/s/html-css-javascript-my-webpage-wyg9w>

<https://codesandbox.io/s/grid-teachers-template-vdimm>

<https://codesandbox.io/s/grid-teachers-fetch-3ojxr>

<https://codesandbox.io/s/grid-participants-fetch-s2zee>

STUDIEVEJLEDNING

[Forside](#) [Kontakt](#) [Find medarbejder](#) [Medarbejder](#)

Dorte Hedevang

Stilling

studie- og karrierevejleder

Afdeling

Kvalitet og studieliv

Mail

dohe@eaaa.dk

Telefon

[7228 6024](tel:72286024)

Adresse

Sønderhøj 30, 8260 Viby J



Spørgsmål vedrørende ansøgning,
optagelse og adgangskrav?

eaaa.dk/kontakt/find-medarbejder/medarbejder/dorte-hedevang/

www.eaaa.dk/videregående-uddannelser/ansog-om-optagelse/

ERHVERVSAKADEMI AARHUS

Forside Videregående uddannelser Ansøg om optagelse

Søg om optagelse på en videregående uddannelse på Erhvervsakademi Aarhus

Find svar på alle dine spørgsmål om optagelse på vores videregående uddannelser.

Få styr på alle regler

Dyk ned i vores vejledningsunivers og få styr på din ansøgning.

Søg ind på erhvervsakademi- eller professionsbacheloruddannelse

Søg ind på 1½-årig professionsbacheloruddannelse

<https://www.eaaa.dk/videregående-uddannelser/ansog-om-optagelse/>

<https://www.eaaa.dk/videregaende-uddannelser/erhvervsakademiuddannelse/multimediedesigner/#ansoeg-om-optagelse>

The screenshot shows a web browser window with the URL www.eaaa.dk/videregaende-uddannelser/erhvervsakademiuddannelse/multimediedesigner/#ansoeg-om-optagelse in the address bar. The page has a light yellow background. At the top, there is a navigation bar with links: Om uddannelsen, Vælg engelsk linje, **Ansøg om optagelse**, Praktik, Karriere, Studieliv, Studietilfredshed, Kontakt, and a menu icon. The 'Ansøg om optagelse' link is underlined and highlighted with a teal bar. Below the navigation, the main content area features a large heading 'Ansøg om optagelse'. A subtext below it reads: 'Her finder du informationer om, hvordan du søger ind på multimediedesigneruddannelsen på Erhvervsakademi Aarhus.' Underneath, a section titled 'Adgangskrav' lists four admission routes, each with a '+' button to expand more details:

- Adgang via gymnasial eksamen (kvote 1 eller kvote 2)**
- Adgang via relevant erhvervsuddannelse (kvote 2)**
- Adgang via 3-årig erhvervsuddannelse (kvote 2)**
- Anden adgang (kvote 2)**

Below this, a section titled 'Sådan søger du' provides instructions for applying. It states: 'Du søger ind på uddannelsen via [optagelse.dk](#). Du kan søge fra 1. februar. Der er studiestart i august.' It also notes: 'Hvis du vil starte på uddannelsen i januar, skal du søge ind via [nemStudie](#). Du kan søge fra 15. september.' At the bottom, a note says: 'Orienter dig i ansøgningsfrister, dato for studiestart og øvrige regler for optag nedenfor.'





ET GLIMT AF MDU
CASEARBEJDE

ET GLIMT AF MDU

- Lav en video, der fortæller om hvad I oplever MDU er.
- Grupper af 5-6 personer
- Målgruppe: Unge mellem 16-25 (Jer selv)
- Udfordring: hvordan kan I lave en video, der giver målgruppen lyst til at læse MDU?

- Analyse af målgruppe
- Definition af formål
- Brainstorm og planlægning (storyboard)
- Film footage
- Rediger indhold (fx iMovie, CapCut eller lignende)

Slå kreativiten løs, skab stemninger,
utraditionelle vinkler

- **Output:** Video
+ evt. infowebiste (HTML, CSS & JS)
- **Deadline:** torsdag kl. 14.20

Formål: at stifte
bekendtskab med
nogle af de
værktøjer en
multimediedesigner
bruger

ET GLIMT AF MDU

GRUPPER

#	Group 1	Group 2	Group 3	Group 4	Group 5
1	Filippa Vandsø	Jasmin Kooi	Asger Vrede Jensen	Sarah Poulsen	Emma Sofie Veisgaard
2	Karen	Lucas Rønne Jørgensen	Anna Elizabeth Sylva	Natalie Wolf Sønderskov Sørensen	Helene Holstein
3	Hannah von Qualen Nielsen	jeppe husted	Lise Bredkjær Juhl Pedersen	Malak	Klara Videriksen
4	Nanna Bruun	Oliver Vestergaard Thuesen	Nanna Hedegaard	Signe Nielsen	Maria Mølgaard Pedersen
5	Albiona Kaqiu	Andrea Bonde Vammen	Anna Liatsou Madsen	Mie Behrens Mathiesen	Ayesha Ali
6	Louise Lynge	Anne Sofie Dilani Schröder			



FRIVILLIG
AKTIVITET
ONSDAG

14.30: Rundtur i Aarhus C

Afslutning på Aarhus
Streetfood hvor
Erhvervsakademiet giver mad

Mødested: udenfor
indgangen Sønderhøj 30

- Design på MDU
- Casearbejde
- Frokost
- UX/UI på MDU ved
Maria Louise Bendixen
- Afrunding og præsentation
af casearbejde
- Besøg af nuværende
studerende fra 3. semester
- Tak for i dag





DRØMME STARTER MED UDDANNELSE

ERHVERVSAKADEMI AARHUS
BUSINESS ACADEMY AARHUS

<https://www.youtube.com/watch?v=EL9KL3qpG7o>

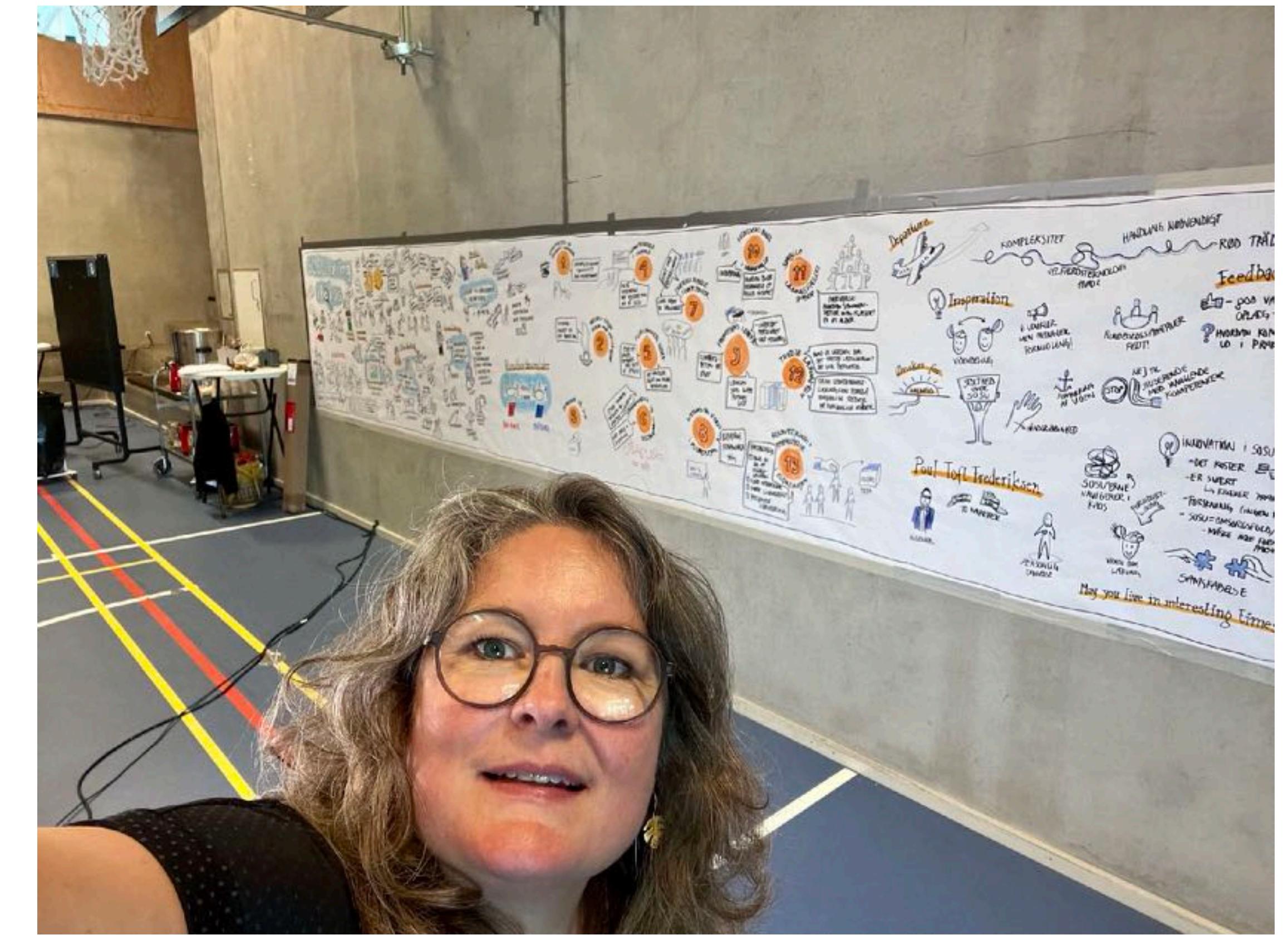
MARLENE AHLGREEN
JENSEN
DESIGNUNDERVISER

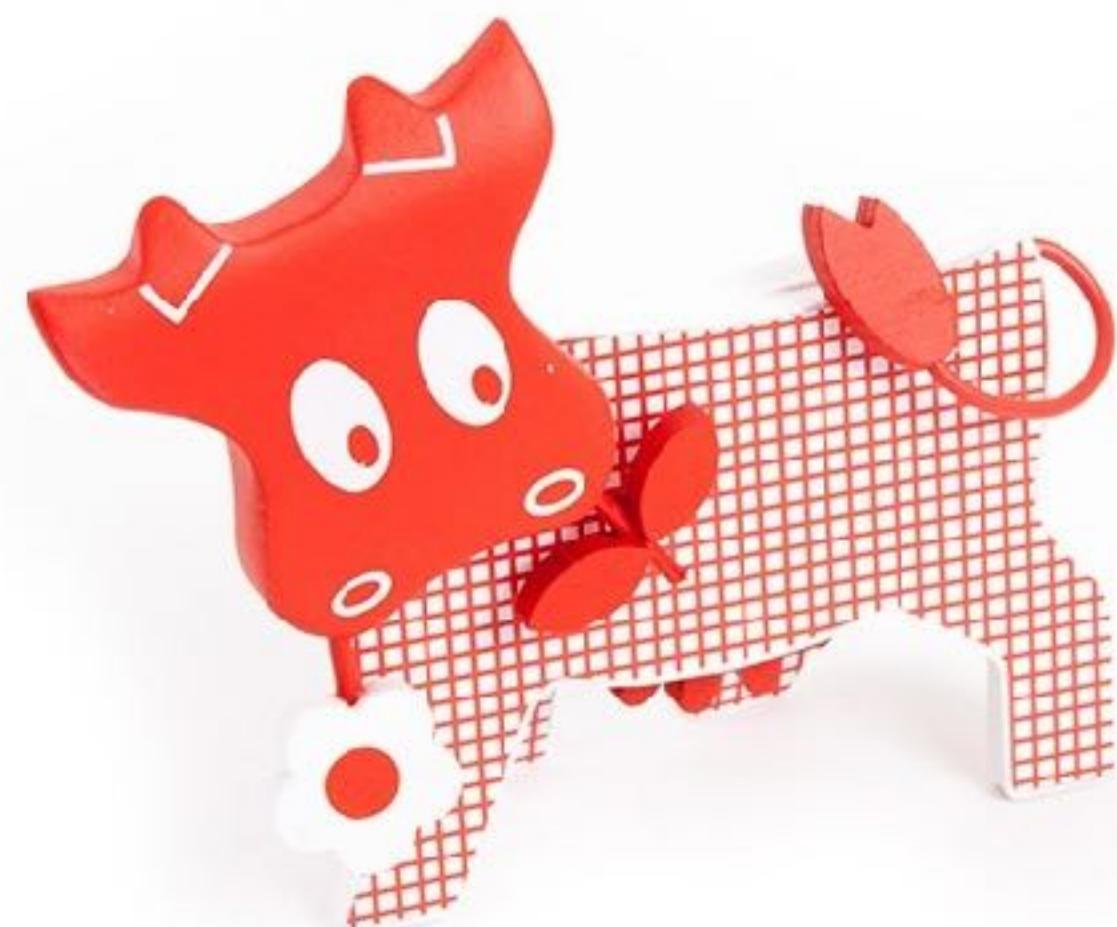
Hvem er jeg?

- Marlene
- Designlærer siden 2008
- Passioneret omkring at tegne, farver, typografi, animationer

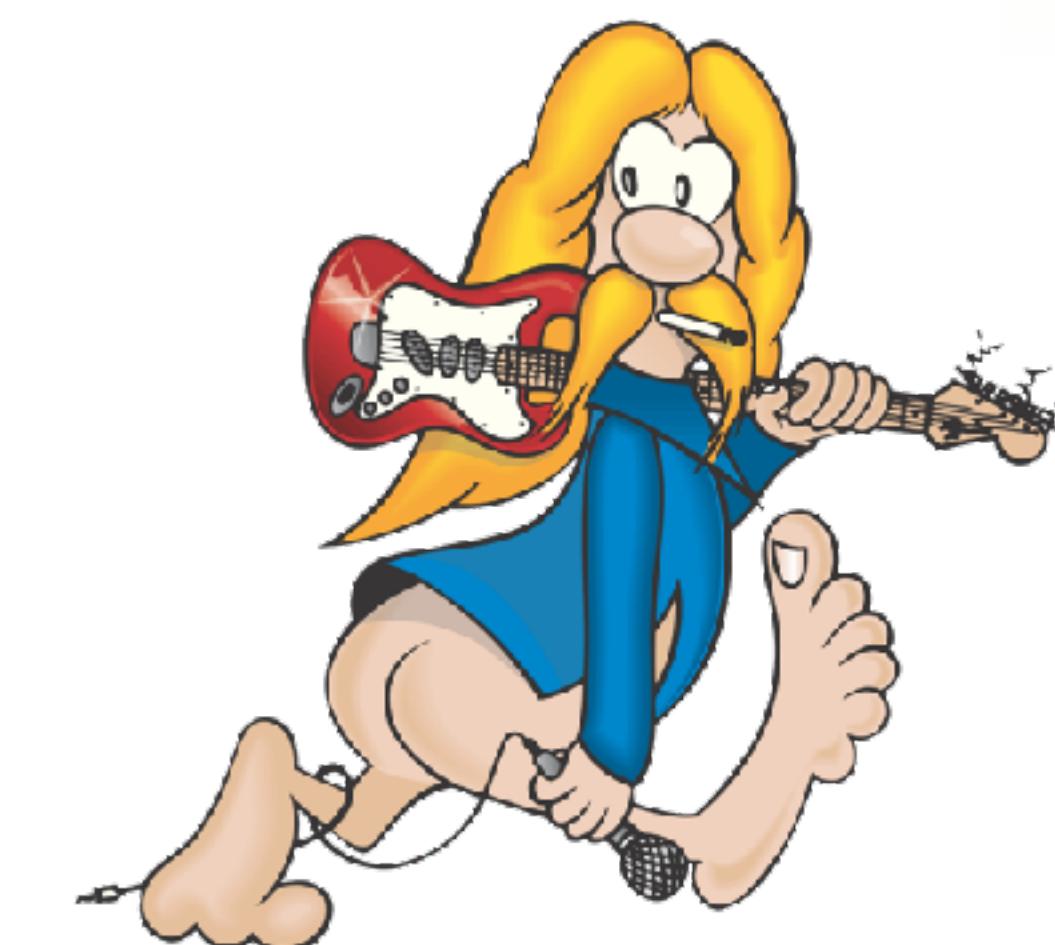
Totemdyr:



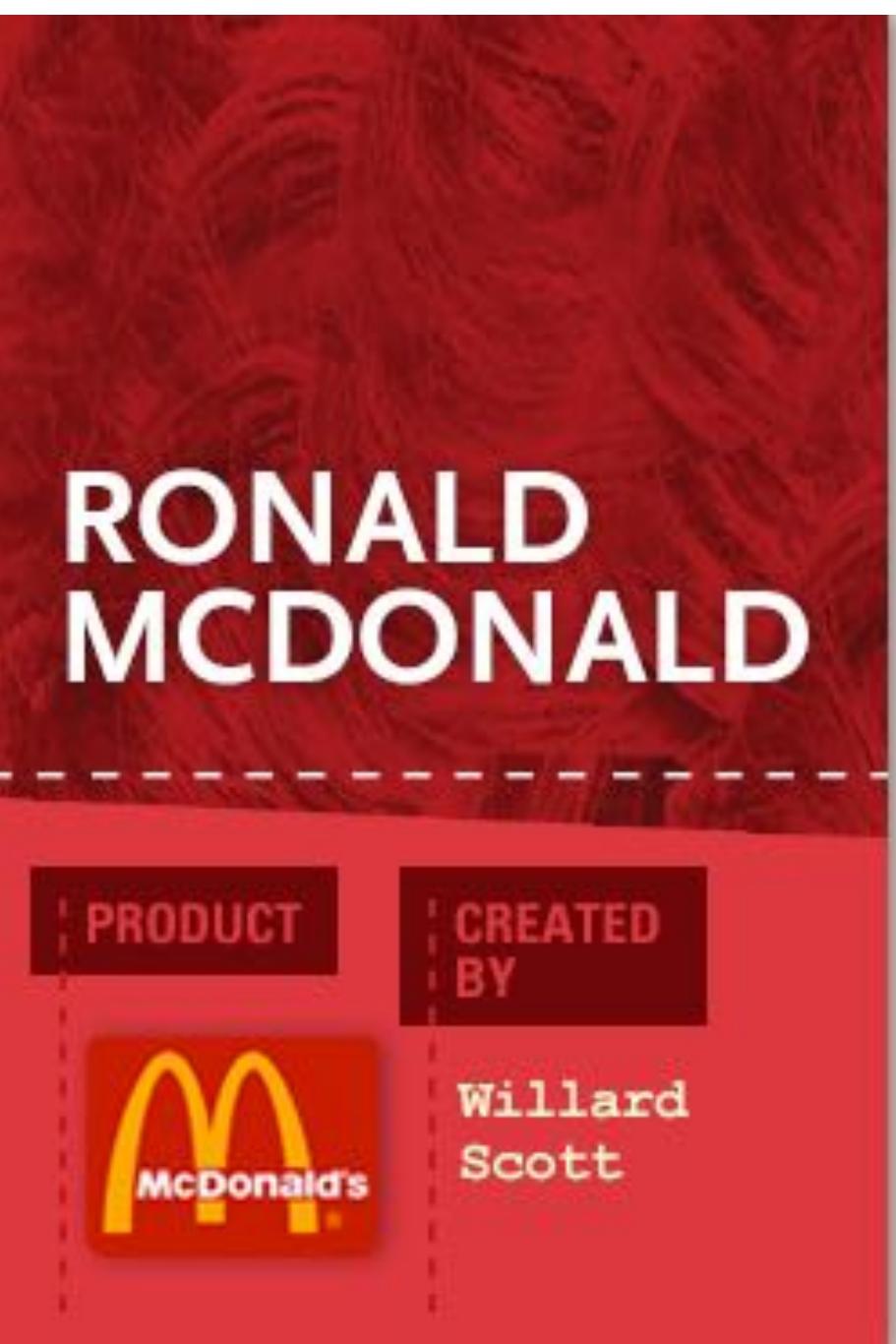




PLAY
COMME des GARÇONS







Introduced
1963



1971



1978



1980



2003
Through
Present

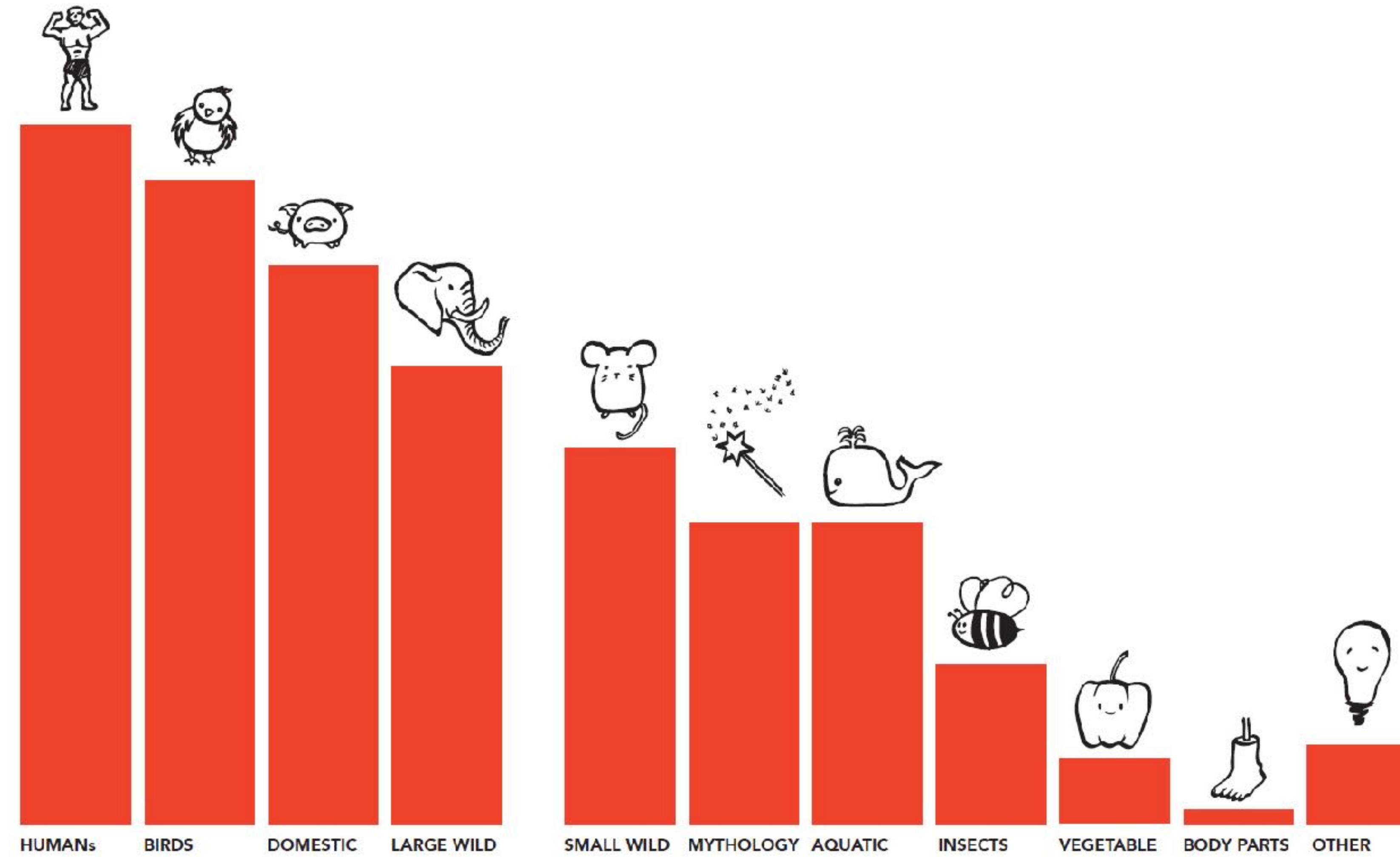






Hvis du var et dyr?

Tegn Jeres totemdyr



Visuel identitet



Google Logotype



Maps



Photos



Dots



Google G



Drive

Source: BRAND NEW blog post, September 2, 2015

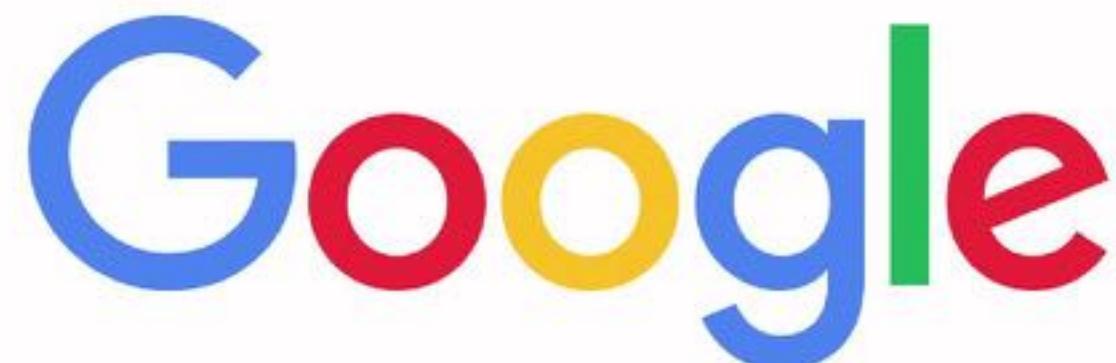


Tegn berømte logoer fra hukommelsen

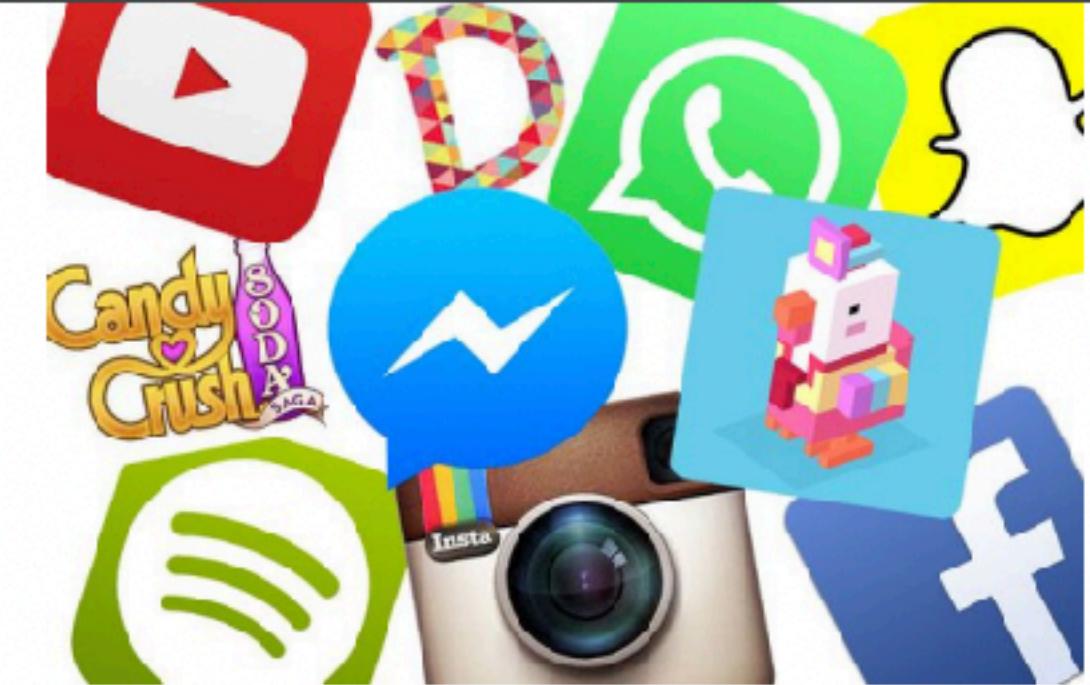
Google, 7 Eleven, Apple, Adidas, LEGO, Arla, Starbucks

https://www.boredpanda.com/famous-brand-logos-drawn-from-memory/?utm_source=google&utm_medium=organic&utm_campaign=organic

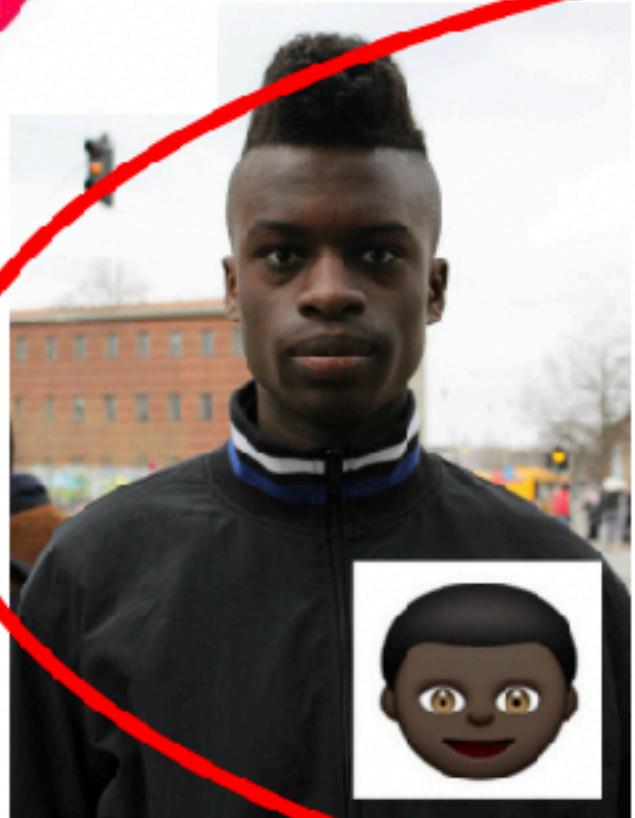
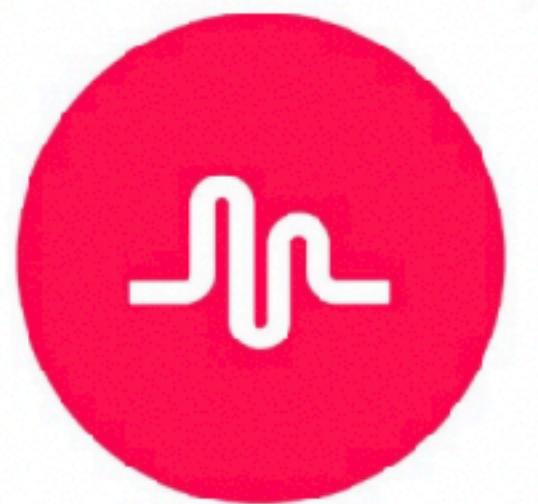
Hvad er vigtigt når man designer et logo?



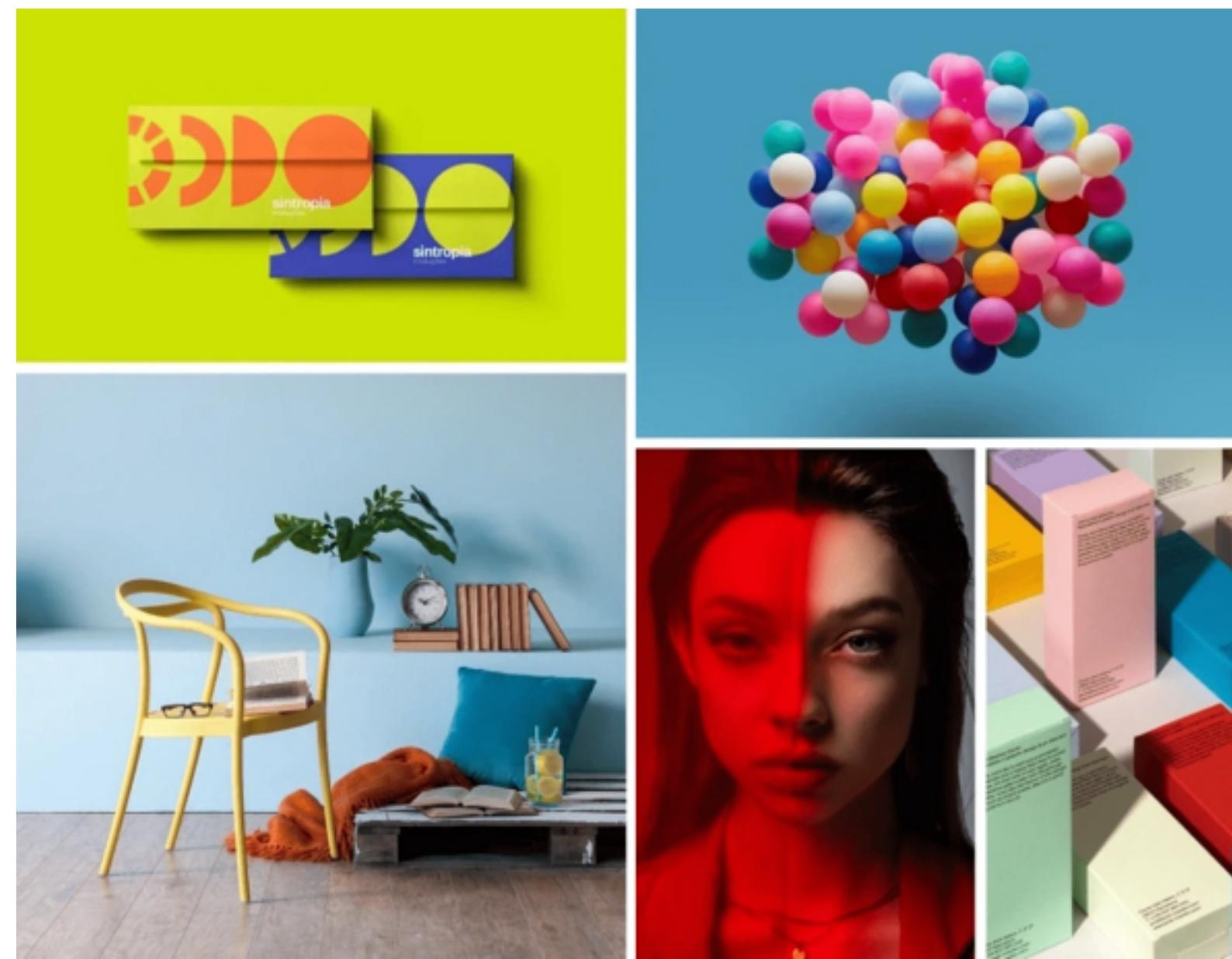




CUSTOMER
ANALYSIS
ADVERTISING
MARKET
SALES
PROMOTION
PRICE
INTERNET
TARGET



Trends

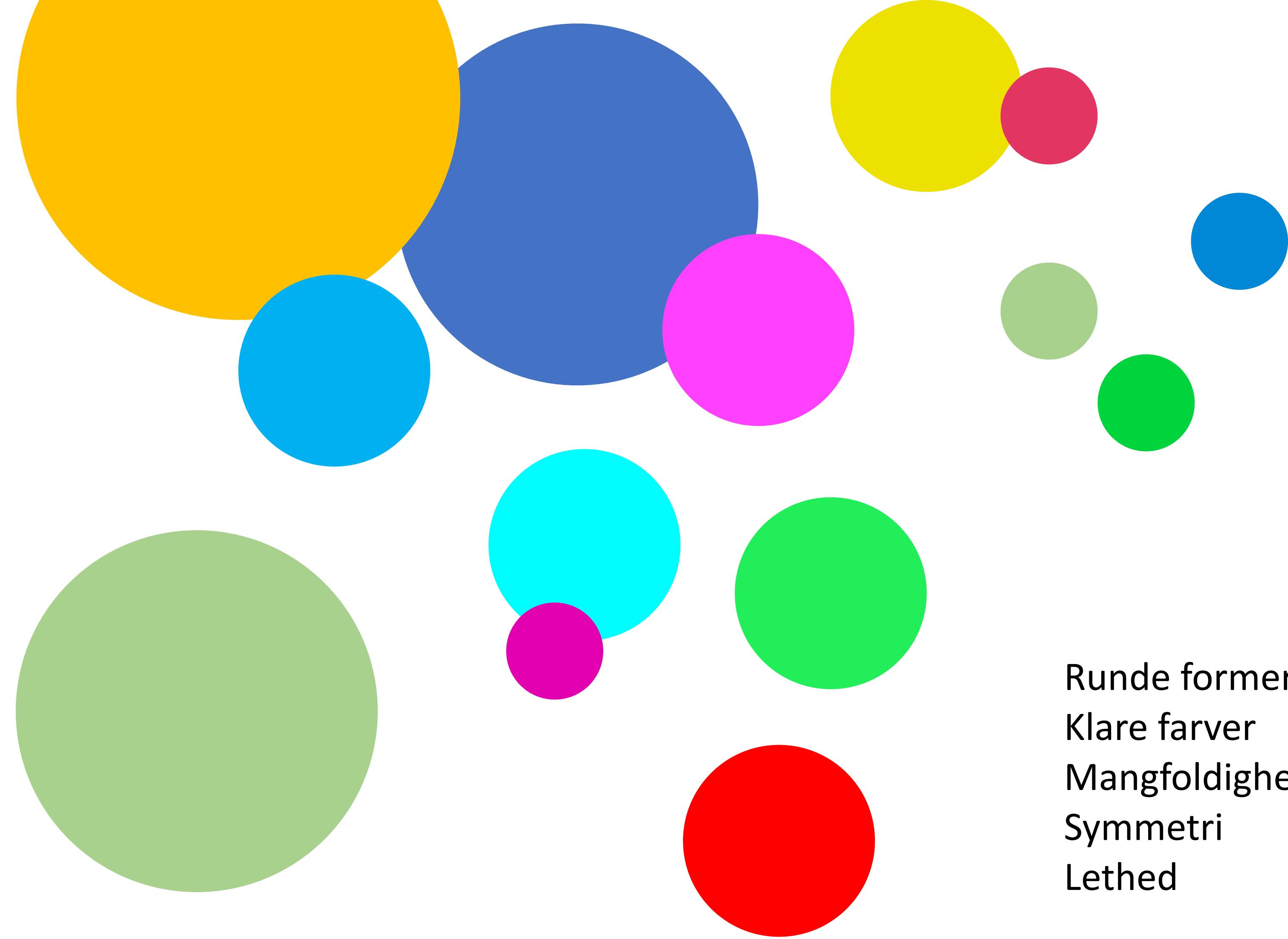


44 Types of Content Formats

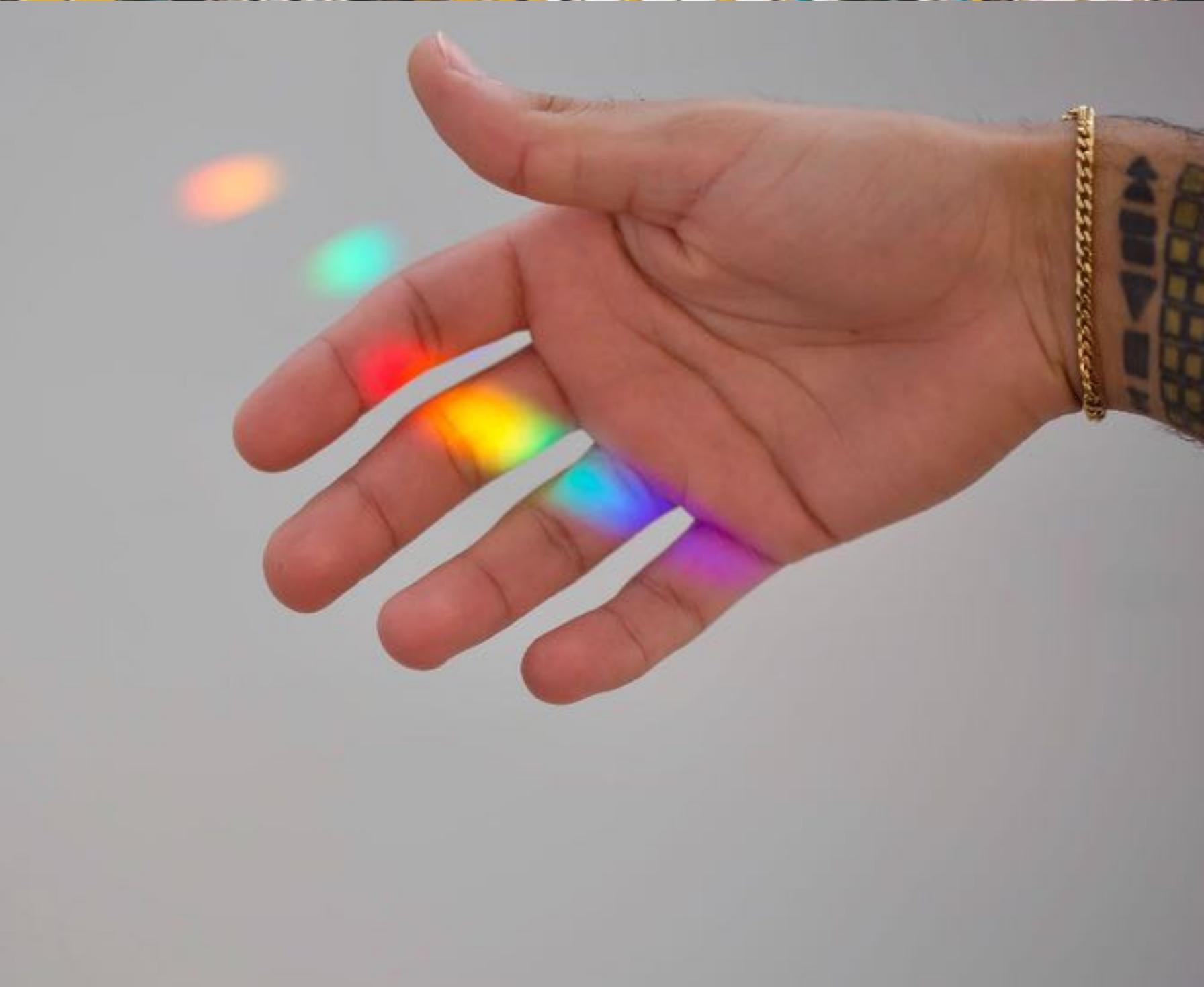
- | | | | |
|--|--------------------------------|-------------------------------|----------------------------|
| 01 How-to's | 12 Helpful Application / Tool | 23 Q & A Session | 34 Polls |
| 02 Content Curation | 13 Opinion Post | 24 Webinar | 35 Podcasts |
| 03 Case Studies | 14 White Papers | 25 Guides | 36 Pinboards |
| 04 Charts / Graphs | 15 Vlog | 26 Dictionary | 37 Photo Collage |
| 05 Ebooks | 16 Videos | 27 "Day in the Life of" Post | 38 Original Research |
| 06 Email newsletters / Autoresponders | 17 Templates | 28 Infographics | 39 Press release |
| 07 Cartoons / Illustrations | 18 Surveys | 29 Interview | 40 Photos |
| 08 Book summaries | 19 Slideshares | 30 Lists | 41 Predictions |
| 09 Tool Reviews | 20 Resources | 31 Mind Maps | 42 User Generated Content |
| 10 Giveaways | 21 Quotes | 32 Meme | 43 Company News |
| 11 FAQ's | 22 Quizzes | 33 Online Game | 44 Timelines |

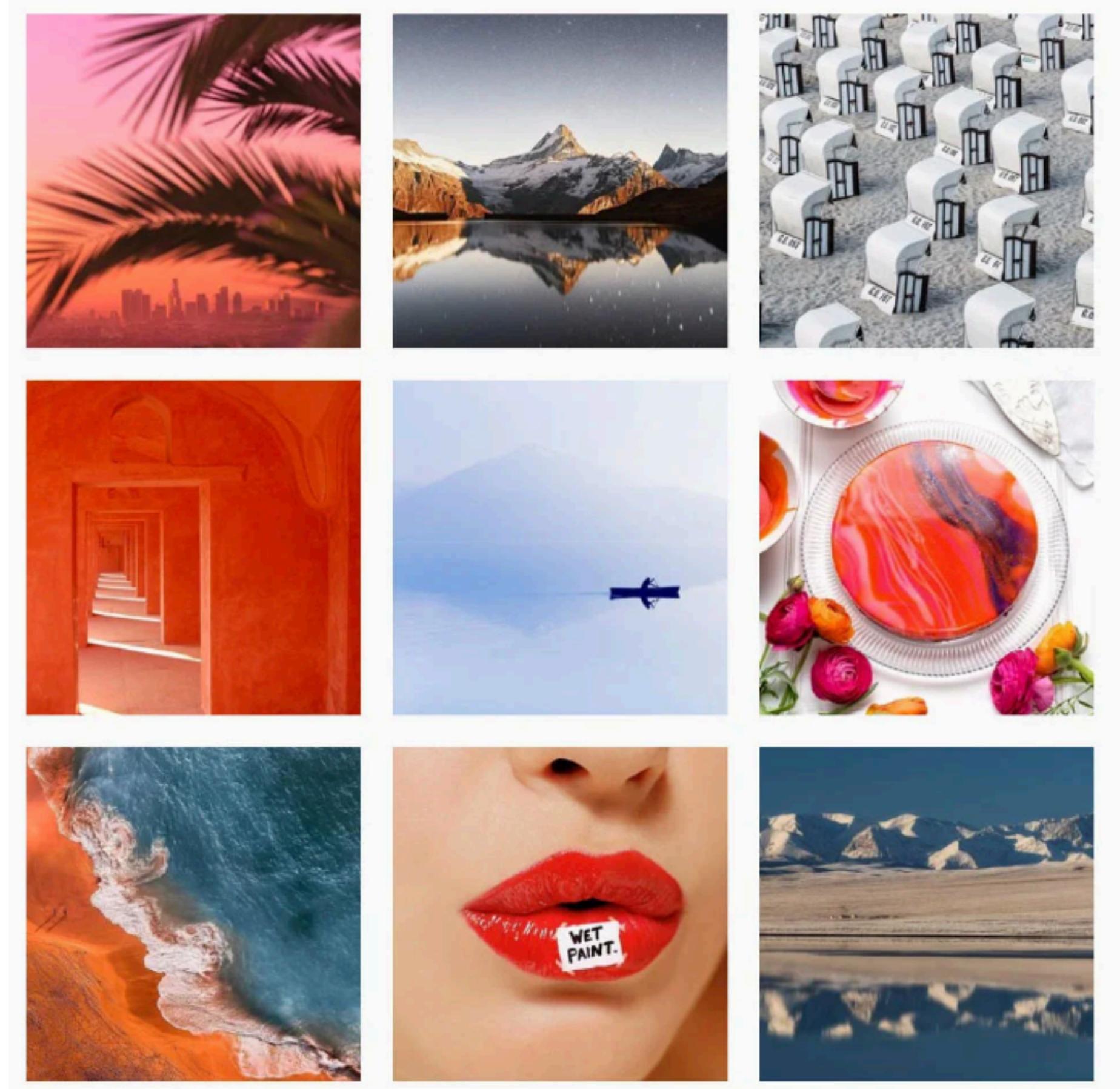






Runde former
Klare farver
Mangfoldighed - overflod
Symmetri
Lethed







Content produktion

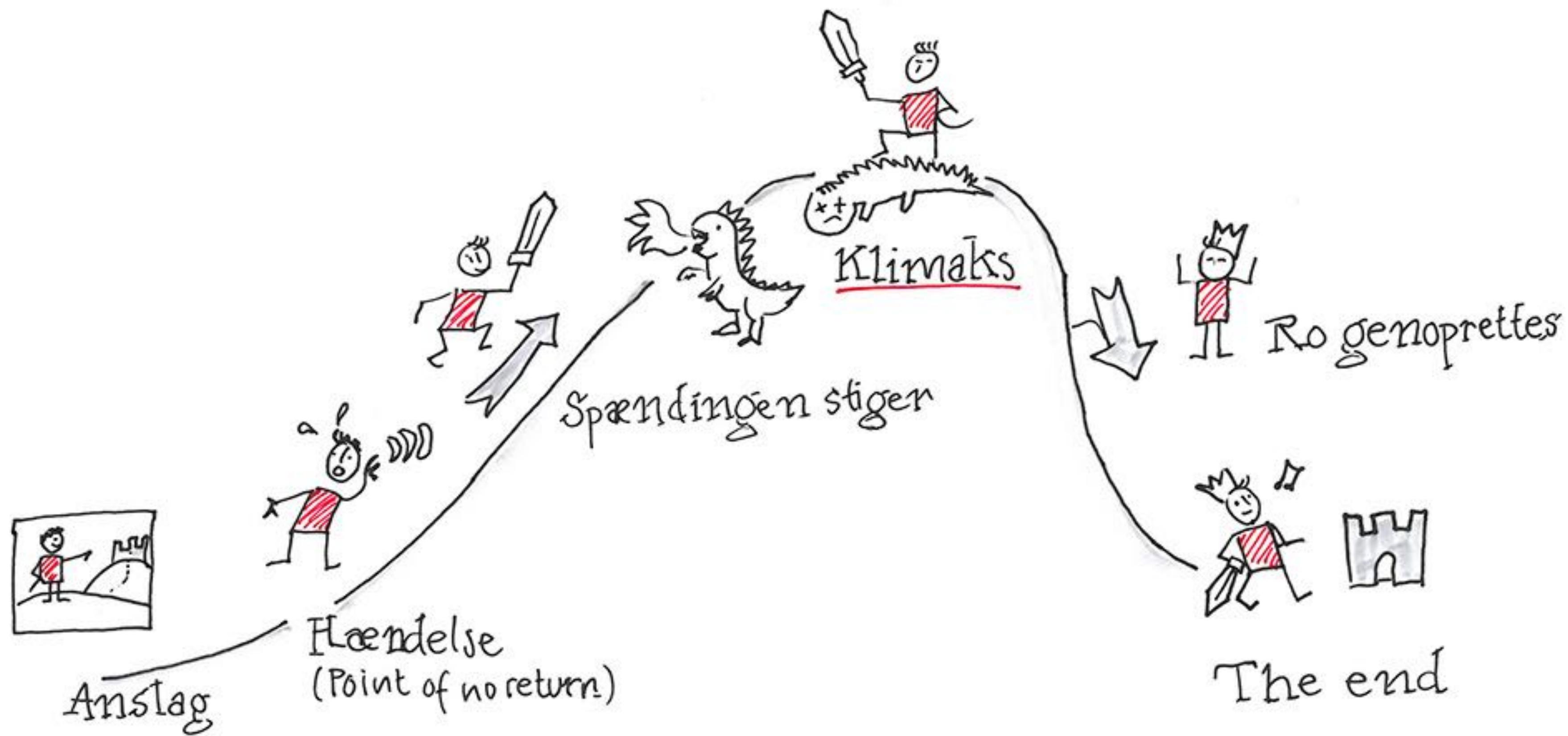


Kantinensh30



Still-billede content der fanger øjet

Komponér et insta-feed til kantinen, hvor I fokuserer på billeder der fanger øjet, og giver dig lyst til at spise deres mad.



Historiefortællingens dna



C.W. looks on Clay. "There are no
choices," intent C.W.S of Clay

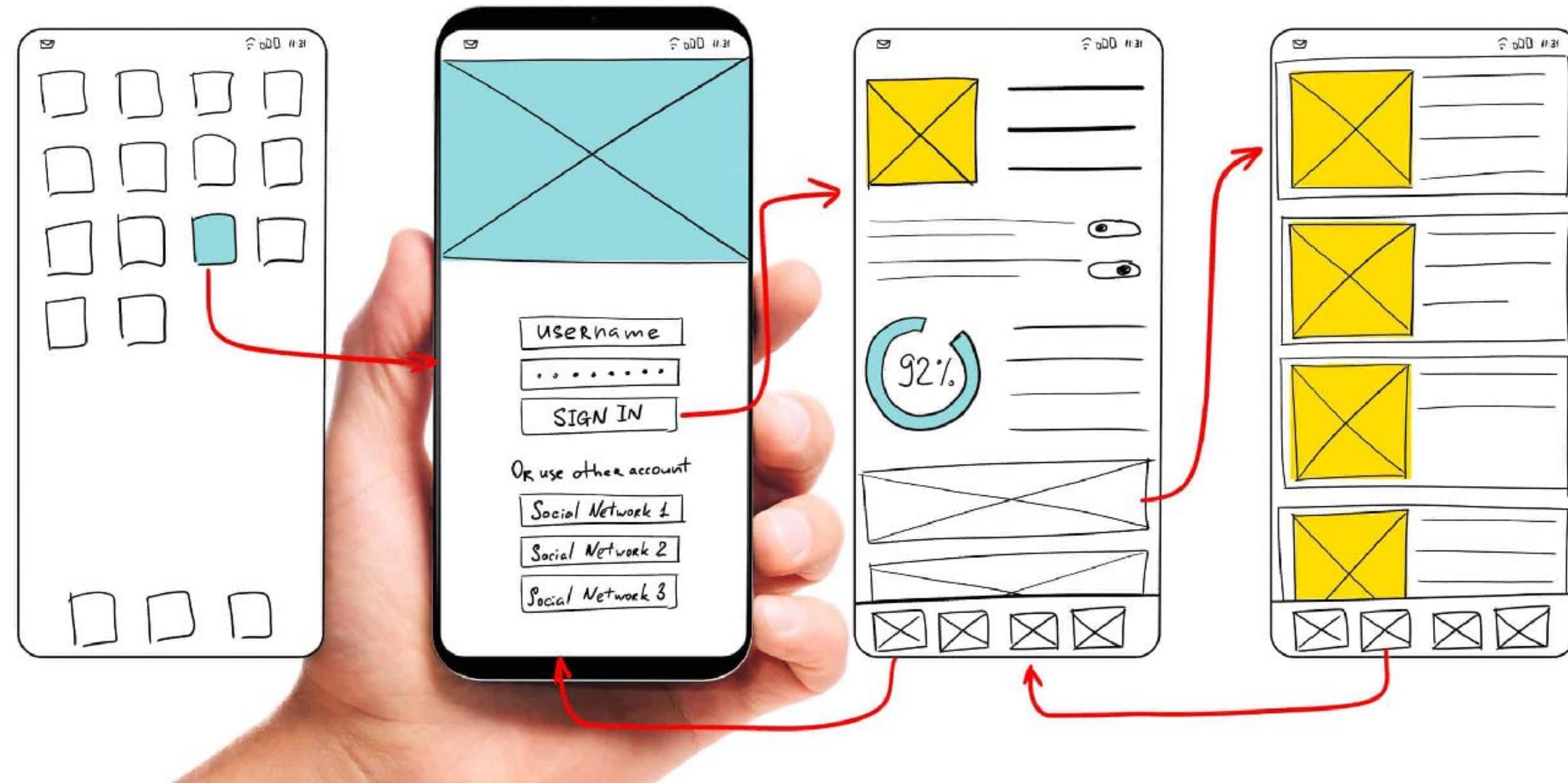


Laura "Clay..."



clay: "Get out!"







MARIA LOUISE
BENDIXEN
UX- OG CONTENTUNDERVISER

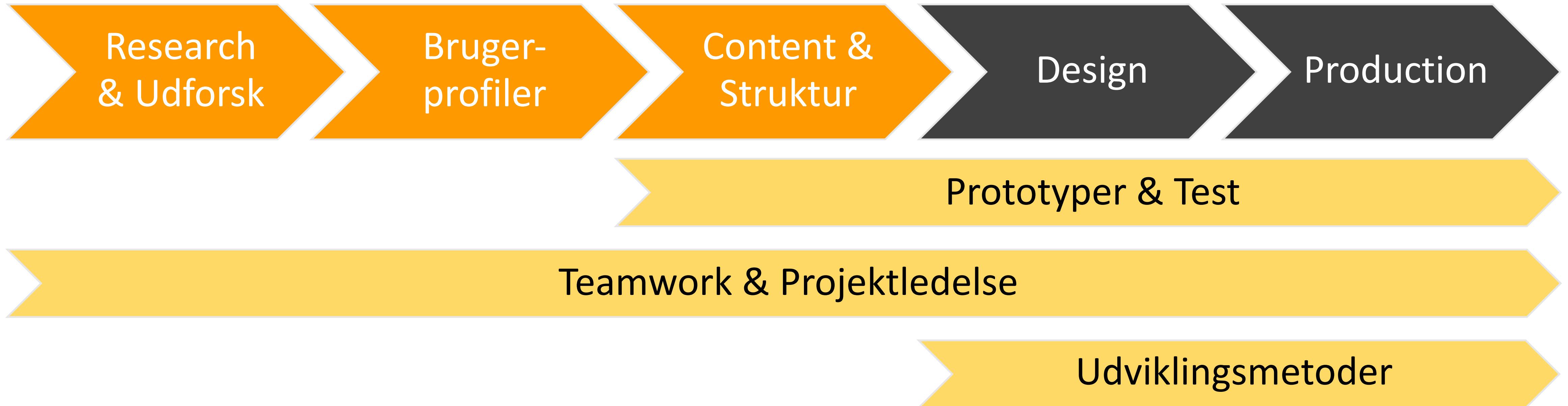
Okt 25

Tænk på brugeren



>

Ved underviser i UX og content
Maria Louise Bendixen



RESEARCH



Hvad er en god morgen for dig?
Hvilken betydning har det for resten af din dag?



Interviews
Observationer
Online søgning
Spørgeskema

Brugerprofiler
Brugeroplevelser



Alarmen
ringer

Ud af sengen

En tur
omkring
badeværelset

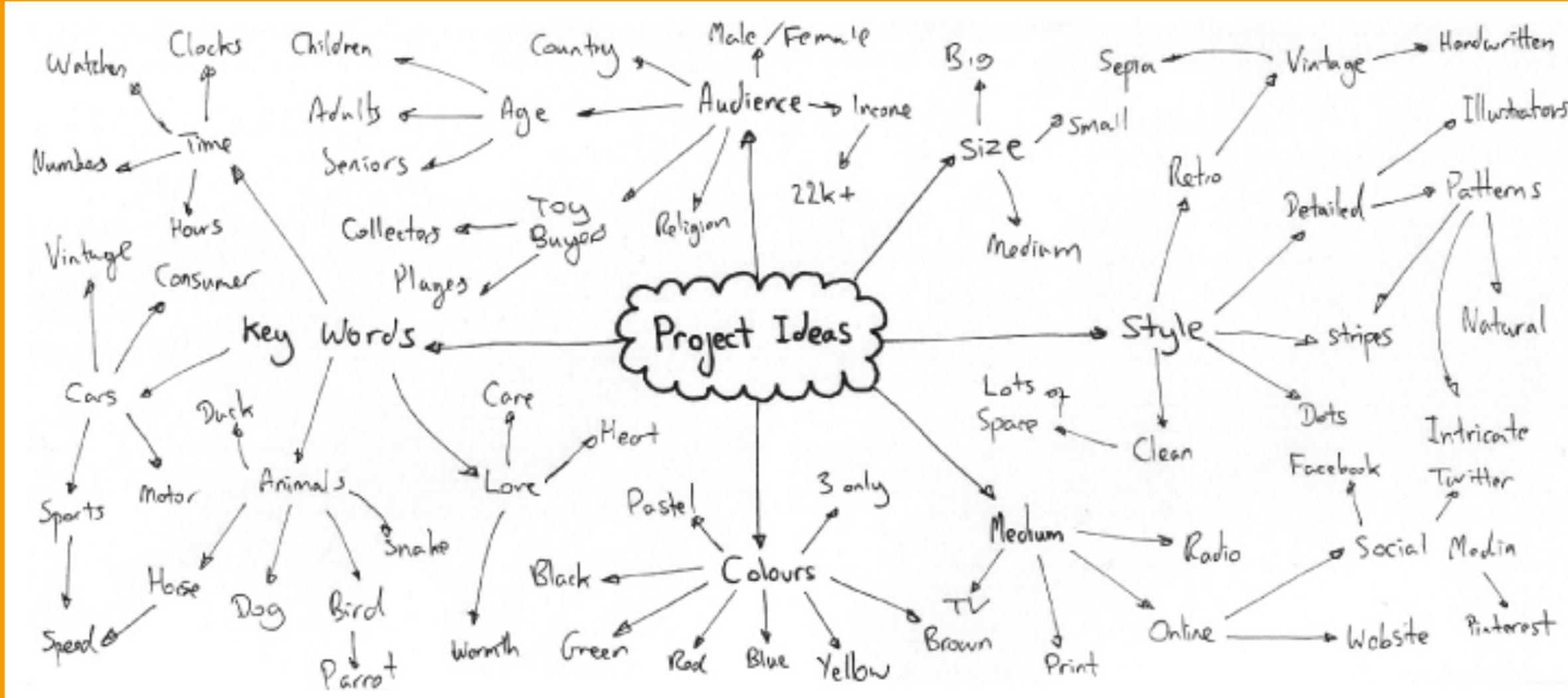
Morgenmad

Afsted til
skole/arbejde

MAPPING

Hvordan ser din morgen ud?
Hvilke morgenritualer har du?
Hvad fungerer godt?
Hvad kunne være bedre?

KREATIV



Brainstorms og mindmaps

creative benspænd og øvelser

Brainstorm på en mulig app

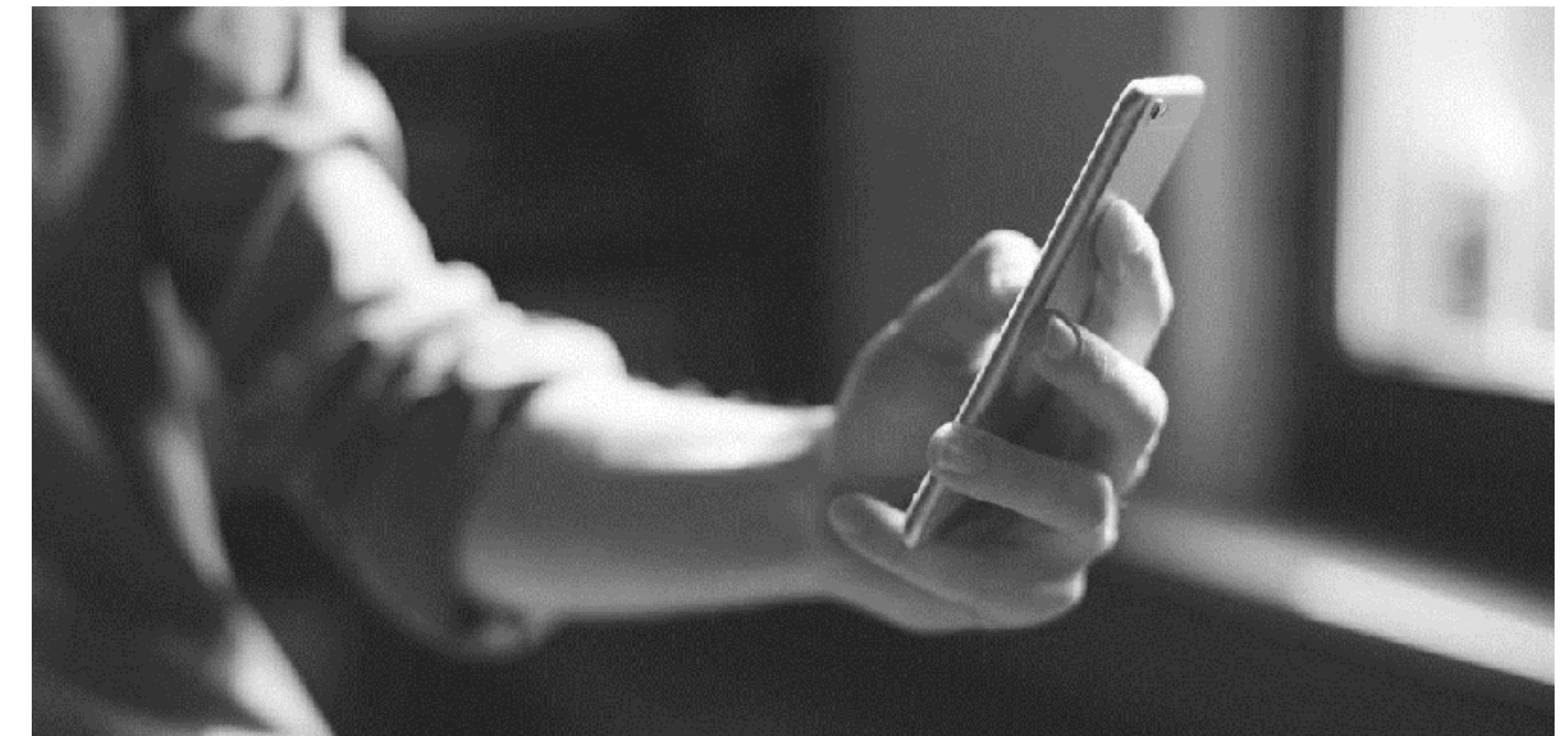
Hvad ville kunne gøre din morgen lettere?

I forhold til at stå op?

Gøre dig klar?

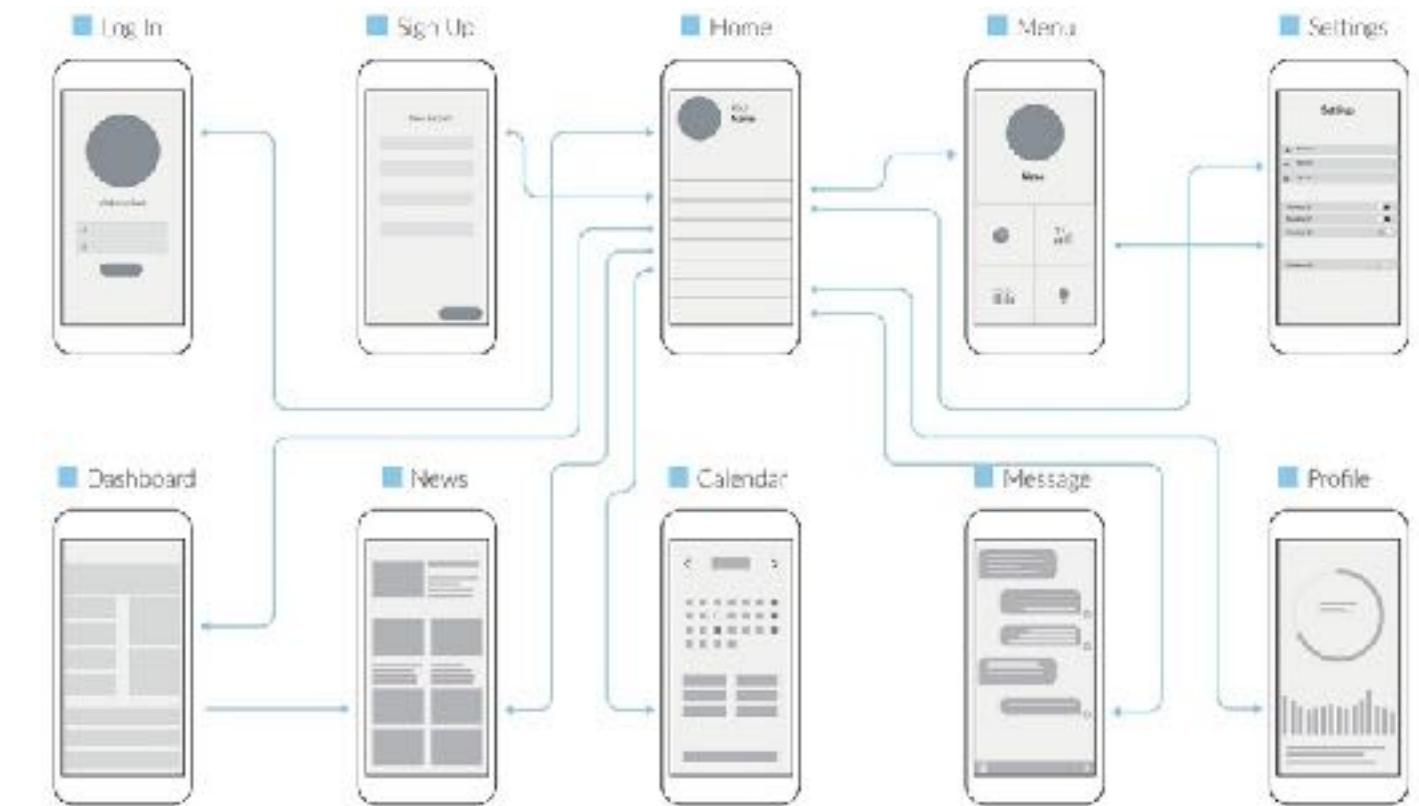
Morgenmad, påklædning, transporttid etc.?

Kan appen kombinere flere af disse opgaver?





Lasalle
Lotus
Mambo
Merlin



Brainstorm på stil: farver og billeder

Hvilke farver signalerer morgen?

Hvilke billeder og illustrationer vil støtte op omkring stilen?
Kan vi gøre brug af videoer?

SKAB DIN LØSNING



A dark, moody photograph of a person from behind, wearing a dark jacket, holding a tablet. The tablet screen shows a video of a man in a suit, possibly a video conference or a recorded video. The overall atmosphere is professional and mysterious.

ET GLIMT AF MDU

CASEARBEJDE & FREMVISNING AF PRODUKTER

BESØG AF
STUDERENDE

PORTFOLIO

<https://soviki.dk/>

<https://mariussart.com/>

<https://kristinedzu.github.io/portfolio/>

<https://portfolio.piotrpospiech.com/>

<https://www.majanorbjerg.dk/>

SPØRGSMÅL & FEEDBACK

eaaa.padlet.org/race/studiepraktik



eaaa.dk

[https://www.eaaa.dk/videregående-uddannelser/
erhvervsakademiuuddannelse/multimediedesigner/](https://www.eaaa.dk/videregående-uddannelser/erhvervsakademiuuddannelse/multimediedesigner/)

<https://www.baaa.dk/programmes/multimedia-design/>

ERHVERVSAKADEMI AARHUS
BUSINESS ACADEMY AARHUS

