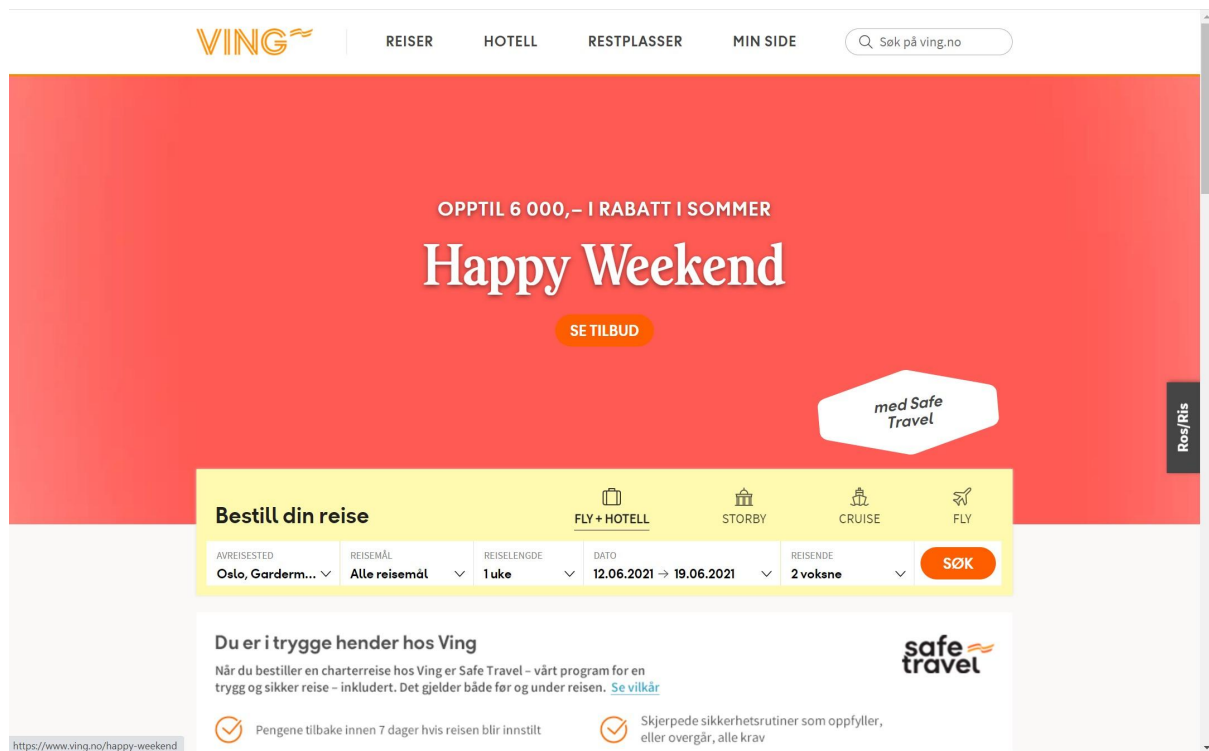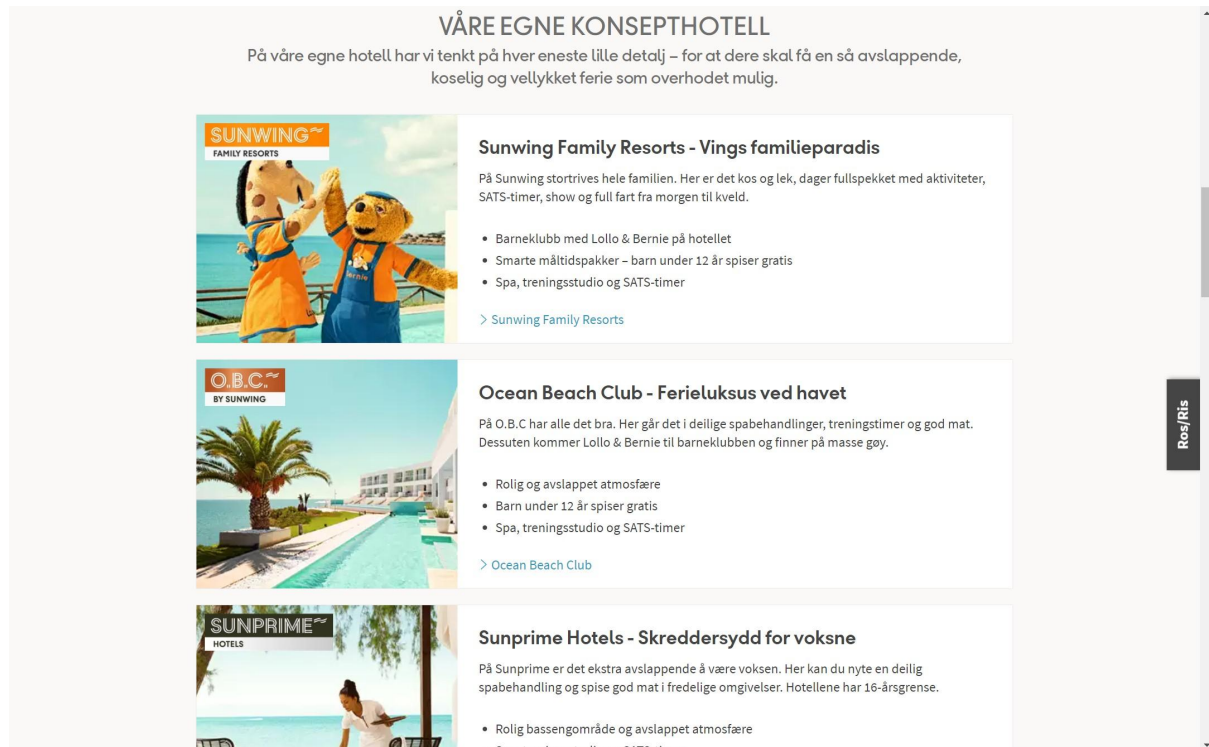# Introduction:

NAME: Mathias Kønye
ROLE: 2nd year Frontend Student of Noroff School of Technology and digital media.

I am going to plan, create and develop a hotel booking website. It should include the necessary implementations for the whole website to function like a real world booking website. The purpose of this document is to plan my website, know what requirements I need to have to create this website.

Inspirational website designs:

Clean frontpage - straight to the point.

Browse hotels - necessary information and welcoming photos.

System Musts:

Must work well on all platforms and screen sizes.

Easy navigation.

Appealing photos.

Images with maximum 200kb in size to prevent slow loading

Lazy loading.

Clean design.

Good combination of two fonts.

Good looking color combinations.

Working forms.

Override Bootstrap theme with sass.

Searchbar with typeahead.

Login section with JWT auth.

Understandable codes.

Good folder structure.

Homepage, Results Page, Contact Page, Login Page, Admin Page.

User Stories:

As a user I want the frontpage to look appealing so that I want to keep using the website.

As a user I want the text to be readable so that I can read and understand everything on each page.

As a user I want all colors on the website to be calm and easy to my eyes so that I can use the website and not get a headache.

As a user I want the website to work well on my phone so that I don't have to be on my computer to use it.

As a user I want the website to have easy navigation so that I can use the website easily.

As a user I want to see what hotels that the website offers so that I can easily choose my next destination.

As a user I want to be able to contact Holidaze so that I can ask them questions or give feedback.

As a user I want to be able to use the search bar efficiently so that I can find whatever I want to find.

As a user I want the contact page to tell me if I have typed something wrong in the form so that I can correct my mistakes.

Site Map:

Home Page - Appealing banner, easy navigation to the next page, basic information and some showcases.

Hotels Page - Shows all hotels available for booking.

Hotel Detail Page - More information about hotels. (Pricing, info etc.)

Contact Page - Contact Form.

Login Page(Admins Only) - Login Form.

Admin Page - Shows all inquiries and messages from the contact page.

About Page - Info on Holidaze.

Use Cases:

- A mother and a father wants to go on a vacation with their kids.
- They both look at their computer and type in "hotels" in google.
- They find Holidaze.com.
- They click on the link and gets to the frontpage.
- Website greets them with an incredible design and easy to use website.
- They click on the "Hotels" link on the navigation bar.
- They scroll down and finds a nice hotel they want to check out.
- They click on the hotel.
- They want more information about the hotel.
- Hotel detail page provides them with necessary information.
- They want to book the hotel so they click on "Book Now" button.
- They get directed to inquiry page where they fill out the inputs.
- Now they to ask questions about the hotel.
- They click on "Contact".
- They type in their question and clicks "Send".
- They have sent the message and are patiently waiting for an answer.

Meta Tags:

<meta name="title" content="Holidaze Booking">

<meta name="description" content="Holidaze makes it easy for you to find hotels and book them easily. We make sure you`re happy with how easily you can book a hotel from anywhere in the world. ">

<meta name="keywords" content="Holidaze Hotel Booking Holiday Vacation">

<meta name="robots" content="noindex, nofollow">

<meta http-equiv="Content-Type" content="text/html; charset=utf-8">

<meta name="language" content="English">

<meta property = "og:title" content="Design System">

<meta property = "og:description" content="This is my Design System with guidelines.">

<meta property = "og:image"content="path/to/website/image">

Project Scope.

First week will be mostly research and finding inspiration like color schemes, layouts, site hierarchy and structure. Looking at how the existing booking websites flow when you enter the website and what's the first thing that will greet you upon entering a booking website. All of this information will be very important when designing and coding my project.

Create a functional specification which includes use cases, user stories, meta tags, site map, system musts.
Meta tags should be put into the root of my project. Then include some links or screenshots to some designs for inspiration to my own website. Gantt Chart should also be created with milestones and a final deadline.

I need to create a Design System for my website. This will be done in vanilla html/css, the main factor of this design system is not the code, so the codes will be very basic. The design system should include Colors, Patterns, Typography, Color Scheme, Button styling ect.

I will make the patterns myself.

I will create a prototype of my website in Figma. This prototype will most likely not be the complete end result of my website as small things might and will change in the future when I start coding. But the prototype will be an idea that I can look to when I start coding.
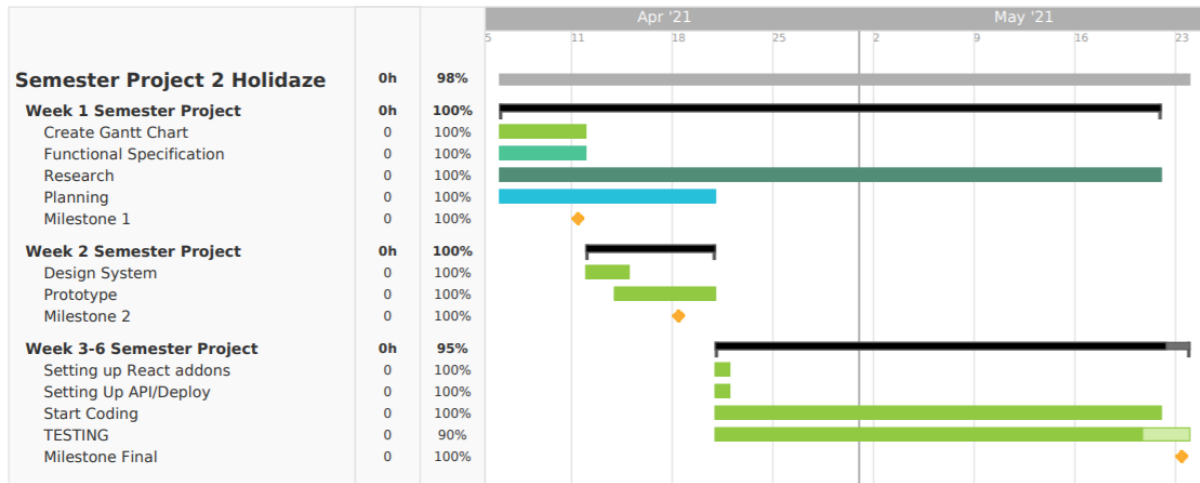
My website is going to be created in React JS with the help of Bootstrap/SCSS. I will of course override the basic bootstrap theme so that it will look like my own design and idea of my project.

All this work should be done in the span of 6 weeks with a delivery in week 3. Research will also be done throughout the 6 weeks of course.

LINK TO DESIGN SYSTEM:
https://konyedesign.com/holidaze-design-system/index.html

GANTT CHART:

FIGMA PROTOTYPE:

https://www.figma.com/file/m5AsoQswdF7LMDx7IaE4nB/Desktop?node-id=0%3A1

GITHUB LINK:

https://github.com/Noroff-FEU-Assignments/project-exam-2-mathiaskonye