Creating app:

npx create-next-app -e with-tailwindcss instagram-next-tailwind

Starting app:

In development

Yarn dev or npm run dev

Main

Yarn start or npm run start

Dependencies:

Yarn add faker (to get fake data for stories)

yarn add @tailwindcss/forms

yarn add @heroicons/react

yarn add tailwind-scrollbar

yarn add tailwind-scrollbar-hide

Changing Head:

import Head from 'next/head'

export default function Home() {

  return (

    <div className="flex flex-col items-center justify-center min-h-screen py-2">

      <Head>

        <title>Instagram</title>

        <link rel="icon" href="/favicon.ico" />

      </Head>

      <h1>This is the instagram</h1>

    </div>

  )

}

next.config.js:

Server for middle ground

Tailwind:

Inline styling for responsiveness

In tailwind, it is always mobile first

Example:

We made first image hidden by default (keeping mobile in mind), it will only visible in larger screen

Second div visible on small screen and hidden on lg screen

<div>

            <div className="flex justify-between bg-white max-w-6xl">

                 {/\*Left\*/}

                <div className="relative hidden lg:inline-grid h-24 w-24 cursor-pointer">

                    <Image

                        src="https://links.papareact.com/ocw"

                        layout="fill"

                        objectFit="contain"

                    />

                </div>

                <div className="relative w-10 h-10 lg:hidden flex-shrink-0 cursor-pointer">

                    <Image

                        src="https://links.papareact.com/jjm"

                        layout="fill"

                        objectFit="contain"

                    />

                </div>

                {/\*Middle\*/}

                {/\*Right\*/}

            </div>

        </div>

Tailwind Icon:

heroIcons.com

npm install @heroicons/react

To use input field and forms:

yarn add @tailwindcss/forms

then update plugins in tailwindcss.config.js

module.exports = {

  mode: 'jit',

  purge: ['./pages/\*\*/\*.{js,ts,jsx,tsx}', './components/\*\*/\*.{js,ts,jsx,tsx}'],

  darkMode: false, // or 'media' or 'class'

  theme: {

    extend: {},

  },

  variants: {

    extend: {},

  },

  plugins: [require('@tailwindcss/forms')],

}

Custom Classes in tailwind:

Create styles folder in root, and then create globals.css file in it

Creating navBtn class

@tailwind base;

@tailwind components;

@tailwind utilities;

@layer components {

    .navBtn {

        @apply

        hidden h-6

        md:inline-flex

        cursor-pointer

        hover:scale-125

        transition-all

        duration-150

        ease-out

    }

}

Update \_app.js

import '../styles/globals.css'

function MyApp({ Component, pageProps }) {

  return <Component {...pageProps} />

}

export default MyApp

Using Custom Class

       <div className="flex items-center justify-end space-x-4">

                    <HomeIcon className="navBtn"/>

                    <MenuIcon className="h-6 md:hidden cursor-pointer"/>

                    <PaperAirplaneIcon className="navBtn"/>

                </div>

Getting Fake Data from faker

import faker from 'faker'

import { useEffect, useState } from "react"

import Story from './Story'

function Stories() {

    const [suggestions, setSuggestions] = useState([])

    useEffect(()=>{

        //here suggestions is dictionary of fake data

        const suggestions = [...Array(20)].map((\_,i)=>(

            {

                ...faker.helpers.contextualCard(),

                id:i

            }

        ))

        console.log(suggestions)

        setSuggestions(suggestions)

    }, [])

    return (

        <div>

            {suggestions.map((profile)=>(

                <Story

                key={profile.id}

                img={profile.avatar}

                username={profile.username}

                />

            ))}

        </div>

    )

}

export default Stories

To Use pixels or specific value in tailwind

className="h-14 w-14 rounded-full p-[1.5px]