

Inicializando um projeto react

- Criar uma pasta para o projeto, entrar na pasta e iniciar com o comando:

```
npx create-react-app blog-pessoal --template typescript
```

- Mudar de diretório:

```
cd blog-pessoal
```

Trocar versão do react

- Apagar arquivo package-lock.json
- Executar:

```
yarn add react@^17 react-dom@^17
```

- Executar:

```
yarn add @types/react@^17 @types/react-dom@^17
```

- Alterar index.tsx:

```
import React from 'react';
import ReactDOM from 'react-dom';
import './index.css';
import App from './App';
import reportWebVitals from './reportWebVitals';
ReactDOM.render(
  <React.StrictMode>
  <App />
</React.StrictMode>,
  document.getElementById('root')
);
// If you want to start measuring performance in your app, pass a function
// to log results (for example: reportWebVitals(console.log))
// or send to an analytics endpoint. Learn more: https://bit.ly/CRA-vitals
reportWebVitals();
```

- Para testar o projeto execute o comando:

```
yarn start
```

Instalação pacotes material ui

- Executar os comandos abaixo de forma individual:

```
yarn add @material-ui/core@4.12.3
yarn add @material-ui/icons@4.11.2
yarn add @mui/icons-material@5.0.5
yarn add @material-ui/lab@4.0.0-alpha.60
yarn add @emotion/react@11.5.0
```

```
yarn add @emotion/styled@11.3.0
yarn add @mui/material@5.0.6
```

Instalação da React Router Dom

- Executar o comando:

```
yarn add react-router-dom@6
```

- Para que seu código funcione corretamente utilizando essa biblioteca, você terá que modificar a apenas estrutura do Return do arquivo App.tsx, alterando o código de modo que contenha os componentes e páginas da sua aplicação.

```
import React from 'react';
import { BrowserRouter as Router, Route, Routes } from 'react-router-dom';
import './App.css';
import Home from './paginas/home/Home';
import Navbar from './components/estaticos/navbar/navbar';
import Footer from './components/estaticos/footer/footer';
import Login from './paginas/login/Login';

function App() {
  return (
    <Router>
      <Navbar />
      <Routes>

        <Route path="/" element={<Login />} />

        <Route path="/home" element={<Home />} />

        <Route path="/login" element={<Login />} />

      </Routes>
      <Footer />
    </Router>
  );
}

export default App;
```

- Para testar o projeto execute o comando: `yarn start`
-

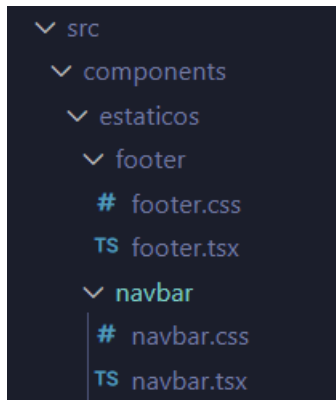
Box Import

- Se estiver dando erro nos imports com o Box, corrigir com a seguinte importação:

```
import { Box } from '@mui/material';
```

Criando componentes estáticos Navbar e Footer

- Criar na pasta src uma pasta chamada components
- Criar dentro da pasta components, uma pasta chamada estaticos
- Criar dentro da pasta estaticos, uma pasta chamada footer e outra pasta chamada navbar
- Criar os arquivos tsx e css respectivos dentro de cada pasta:



- Modelo Footer.tsx:

```
import React from 'react';
import InstagramIcon from '@material-ui/icons/Instagram';
import FacebookIcon from '@material-ui/icons/Facebook';
import LinkedInIcon from '@material-ui/icons/LinkedIn';
import {Typography, Grid } from '@material-ui/core';
import { Box } from '@mui/material';
import './footer.css';

function Footer() {
  return (
    <>
      <Grid container direction="row" justifyContent="center" alignItems="center">
        <Grid alignItems="center" item xs={12}>
          <Box className='box1'>
            <Box paddingTop={1} display="flex" alignItems="center" justifyContent="center">
              <Typography variant="h5" align="center" gutterBottom className='textos'>Siga-
nos nas redes sociais </Typography>
            </Box>
            <Box display="flex" alignItems="center" justifyContent="center">
              <a href="https://www.facebook.com/generationbrasil" target="_blank"
rel="noopener noreferrer">
                <FacebookIcon className='redes' />
              </a>
              <a href="https://www.instagram.com/generationbrasil/" target="_blank"
rel="noopener noreferrer">
                <InstagramIcon className='redes' />
              </a>
            </Box>
          </Box>
        </Grid>
      </Grid>
    </>
  )
}
```

```

        </a>
        <a href="https://www.linkedin.com/school/generationbrasil/" target="_blank"
rel="noopener noreferrer">
            <LinkedInIcon className='redes' />
        </a>
    </Box>
</Box>
<Box className='box2'>
    <Box paddingTop={1}>
        <Typography variant="subtitle2" align="center" gutterBottom className='textos'
>© 2020 Copyright:</Typography>
    </Box>
    <Box>
        <a target="_blank" href="https://brasil.generation.org" rel="noopener
noreferrer">
            <Typography variant="subtitle2" gutterBottom className='textos'
align="center">brasil.generation.org</Typography>
        </a>
    </Box>
</Box>
</Grid>
</Grid>
</>
)
}

export default Footer;

```

- Modelo Footer.css:

```

.box1{
  background-color: #3F51B5;
  height: 120px;
}

.box2{
  background-color: #303F9F;
  height: 60px;
}

.redes{
  font-size: 60px !important;
  color: white;
}

.textos{
  color: white;
}

```

- Modelo Navbar.tsx

```

import React from 'react';
import { AppBar, Toolbar, Typography } from '@material-ui/core';
import { Box } from '@mui/material';
import { Link } from 'react-router-dom';
import './navbar.css';

function Navbar() {
  return (
    <>

```

```

<AppBar position="static">
  <Toolbar variant="dense">
    <Box className='cursor'>
      <Typography variant="h5" color="inherit">
        BlogPessoal
      </Typography>
    </Box>

    <Box display="flex" justifyContent="start">
      <Box mx={1} className='cursor'>
        <Typography variant="h6" color="inherit">
          home
        </Typography>
      </Box>
      <Box mx={1} className='cursor'>
        <Typography variant="h6" color="inherit">
          postagens
        </Typography>
      </Box>
      <Box mx={1} className='cursor'>
        <Typography variant="h6" color="inherit">
          temas
        </Typography>
      </Box>
      <Box mx={1} className='cursor'>
        <Typography variant="h6" color="inherit">
          cadastrar tema
        </Typography>
      </Box>
      <Link to='/login' className='text-decorator-none'>
        <Box mx={1} className='cursor'>
          <Typography variant="h6" color="inherit">
            logout
          </Typography>
        </Box>
      </Link>

    </Box>

  </Toolbar>
</AppBar>
</>
)
}

```

```
export default Navbar;
```

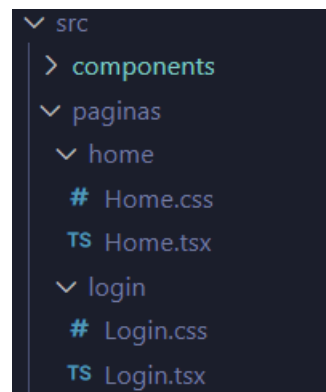
- Modelo navbar.css

```
.cursor{
  cursor: pointer;
  color: white;
}

.text-decorator-none{
text-decoration: none;
}
```

Criação de páginas

- Criar na pasta src uma pasta nova com nome paginas.
- Dentro da pasta paginas, criar duas pastas com nomes de home e login.
- Criar arquivos tsx e css respectivos dentro de cada pasta:



- Modelo Home.tsx

```
import React from 'react';
import {Typography, Grid, Button} from '@material-ui/core';
import { Box } from '@mui/material';
import './Home.css';

function Home() {
  return (
    <>
      <Grid container direction="row" justifyContent="center"
alignItems="center" className='caixa'>
```

```

        <Grid alignItems="center" item xs={6}>
          <Box paddingX={20} >
            <Typography variant="h3" gutterBottom color="textPrimary"
component="h3" align="center" className='titulo'>Seja bem vindo(a)!</Typography>
            <Typography variant="h5" gutterBottom color="textPrimary"
component="h5" align="center" className='titulo'>expresse aqui os seus
pensamentos e opiniões!</Typography>
          </Box>
          <Box display="flex" justifyContent="center">
            <Box marginRight={1}>
              </Box>
              <Button variant="outlined" className='botao'>Ver
Postagens</Button>
            </Box>
          </Grid>
          <Grid item xs={6} >
            
          </Grid>
          <Grid xs={12} className='postagens'>
          </Grid>
        </Grid>
      </>
    );
  }

export default Home;

```

- Modelo Home.css

```

.caixa{
  background-color: #3F51B5;
}

.titulo{
  color: white !important;
  font-weight: bold !important;
}

.botao{
  border-color: white !important;
  background-color: #3F51B5;
  color: white !important;
}

```

```
.postagens{
  background-color: white;
}
```

- Modelo Login.tsx

```
import React from 'react';
import { Grid, Typography, TextField, Button } from '@material-ui/core';
import { Link } from 'react-router-dom';
import { Box } from '@mui/material';
import './Login.css';

function Login() {

  return (
    <Grid container direction='row' justifyContent='center'
alignItems='center'>
      <Grid alignItems='center' xs={6}>
        <Box paddingX={20}>
          <form>
            <Typography variant='h3' gutterBottom color='textPrimary'
component='h3' align='center' className='textos1'>Entrar</Typography>
            <TextField id='usuario' Label='usuário' variant='outlined'
name='usuario' margin='normal' fullWidth />
            <TextField id='senha' Label='senha' variant='outlined'
name='senha' margin='normal' type='password' fullWidth />
            <Box marginTop={2} textAlign='center'>
              <Link to='/home' className='text-decorator-none'>
                <Button type='submit' variant='contained'
color='primary'>
                  Logar
                </Button>
              </Link>
            </Box>
          </form>
          <Box display='flex' justifyContent='center' marginTop={2}>
            <Box marginRight={1}>
              <Typography variant='subtitle1' gutterBottom
align='center'>Não tem uma conta?</Typography>
            </Box>
            <Box>
              <Typography variant='subtitle1' gutterBottom
align='center' className='textos1'>Cadastre-se</Typography>
            </Box>
          </Box>
        </Grid>
      </Grid>
    </Grid>
  );
}
```



```

        <Grid xs={6} className='imagem'>

        </Grid>
    </Grid>
);
}

export default Login;

```

- Modelo Login.css

```

.textos1{
    font-weight: bold !important;
}

.imagem{
    background-image: url(https://i.imgur.com/d5bMdDJ.jpg);
    background-repeat: no-repeat;
    width: 100vh;
    min-height: 100vh;
    background-size: cover;
    background-position: center;
}

.text-decorator-none{
    text-decoration: none;
}

```