Installing Material UI in React

Install below given dependencies

npm install @mui/material @emotion/react @emotion/styled

npm install @mui/material @mui/styled-engine-sc styled-components

npm install @fontsource/roboto

npm install @mui/icons-material

place below link tags in index.html in public folder

<link

rel="stylesheet"

href="https://fonts.googleapis.com/css?family=Roboto:300,400,500,700&display=swap"

/>

<link

rel="stylesheet"

href="https://fonts.googleapis.com/icon?family=Material+Icons"

/>

\*we can add routes for creating a single page application

Creating an AppBar

import { AppBar, IconButton, Toolbar, Typography } from '@mui/material';

function App() {

  return (

    <div>

       <AppBar>

       </AppBar>

    </div>

  );

}

export default App;

customizing themes

import { AppBar, createTheme, IconButton, ThemeProvider, Toolbar, Typography } from '@mui/material';

import { red } from '@mui/material/colors';

import Button from '@mui/material/Button';

const theme=createTheme({

  palette: {

    primary: {

      // Purple and green play nicely together.

     //

     main:'#11cb5f'

    },

    secondary: {

      // This is green.A700 as hex.

      main: red[300] ,

    },

  },

});

function App() {

  return (

    <div>

      <ThemeProvider theme={theme}>

       <AppBar color='secondary'>

  <Toolbar>

     <Button variant="contained">contained</Button>

  </Toolbar>

       </AppBar>

       </ThemeProvider>

    </div>

  );

}

export default App;

Adding a Button

  <Button variant="contained">contained</Button>

Types of variants

contained

outlined

text

Creating a Card

<Card sx={{width:"300px"}} variant="outlined">

             <CardContent>

              <img src={toucan} width="250px" height="200px"/>

             </CardContent>

              <CardActions>

                <Button variant="contained">Know More</Button>

              </CardActions>

          </Card>