yarn add @react-navigation/native

expo install react-native-screens react-native-safe-area-context

expo install firebase

React Native Elements:

yarn add @rneui/themed @rneui/base

yarn add react-native-vector-icons

LOGIN SCREEN:

import { StyleSheet, Text, View } from 'react-native'

import React, { useState } from 'react'

import {Button, Input, Image} from 'react-native-elements'

import { StatusBar } from 'expo-status-bar'

const LoginScreen = () => {

    const [email, setEmail] = useState('')

    const [password, setPassword] = useState('')

    const signIn = () => {

    }

  return (

    <View style={styles.container}>

        <StatusBar style="light"/>

        <Image

        source={{

            uri: "https://blog.mozilla.org/internetcitizen/files/2018/08/signal-logo.png",

        }}

        style={{width: 200, height: 200}}

        />

        <View style={styles.inputContainer}>

            <Input autoFocus value={email} onChangeText={(text)=>setEmail(text)} type="email" placeholder='Email'/>

            <Input autoFocus value={password} onChangeText={(text)=>setPassword(text)} type="password" secureTextEntry placeholder='Password'/>

        </View>

        <Button containerStyle={styles.button} onPress={signIn} title="Login"/>

        <Button containerStyle={styles.button} type="outline" title="Register"/>

    </View>

  )

}

export default LoginScreen

const styles = StyleSheet.create({

    container: {

        flex: 1,

        alignItems: "center",

        justifyContent: "center",

        padding: 10,

        backgroundColor: "white"

    },

    inputContainer: {

    },

    button: {

    }

})

But keyboard on mobile creating problem so change main view to keyboardAvoidingView:

import { KeyboardAvoidingView, StyleSheet, Text, View } from 'react-native'

import React, { useState } from 'react'

import {Button, Input, Image} from 'react-native-elements'

import { StatusBar } from 'expo-status-bar'

const LoginScreen = () => {

    const [email, setEmail] = useState('')

    const [password, setPassword] = useState('')

    const signIn = () => {

    }

  return (

    <KeyboardAvoidingView behavior='padding' style={styles.container}>

        <StatusBar style="light"/>

        <Image

        source={{

            uri: "https://blog.mozilla.org/internetcitizen/files/2018/08/signal-logo.png",

        }}

        style={{width: 200, height: 200}}

        />

        <View style={styles.inputContainer}>

            <Input autoFocus value={email} onChangeText={(text)=>setEmail(text)} type="email" placeholder='Email'/>

            <Input autoFocus value={password} onChangeText={(text)=>setPassword(text)} type="password" secureTextEntry placeholder='Password'/>

        </View>

        <Button containerStyle={styles.button} onPress={signIn} title="Login"/>

        <Button containerStyle={styles.button} type="outline" title="Register"/>

        <View style={{height: 100}}/>

    </KeyboardAvoidingView>

  )

}

export default LoginScreen

const styles = StyleSheet.create({

    container: {

        flex: 1,

        alignItems: "center",

        justifyContent: "center",

        padding: 10,

        backgroundColor: "white"

    },

    inputContainer: {

    },

    button: {

    }

})

Button:

When use native elements, then containerStyle for styling

        <Button containerStyle={styles.button} raised title="Register" onPress={register} />

Shrink Text or short Text or ellispsize mode:

        <ListItem.Subtitle numberOfLines={1} ellipsizeMode="tail">

         {chatMessages?.[0]?.displayName?.[0]?.messages}

        </ListItem.Subtitle>

REGISTER FUNCTIONALITY FIREBASE:

SIGNIN

SIGNOUT:

 const signOutUser = () => {

    auth.signOut().then(()=>{

      navigation.replace("Login")

    })

  }

ICONS:

INPUT FIELD WITH ICON:

<Input

        placeholder='Enter a chat name' value={input} onChangeText={(text) => setInput(text)}

        onSubmitEditing={handleCreateChat}

        leftIcon={

        <Icon name="wechat" type="antdesign"  size={24} color= "black" />

        }

      />