

## Login page

```
import React from 'react';
import { StyleSheet, Text, View, Image, TextInput,
Button, Alert} from 'react-native';

export default class App extends React.Component {
  constructor(props){
    super(props);
    this.state = {login:'',password:'',sum:0
  };
}
onPressShow(){
  const{login, password} = this.state;
  //Alert.alert('Hello==','This is '+'${this.state.login}
  // + ${this.state.password}`);
  if(this.state.login == 'nichapa' && this.state.password == 'kajan'){
    Alert.alert('Hello==','This is '+'${this.state.login}
    + ${this.state.password}`)
  }
  else{
    Alert.alert('5555555');
  }
  //this.sum = Number(this.state.login) + Number(this.state.password);
}
/* calculateSum = () => {

  const {login , password , sum} = this.state;
  this.setState({ sum: Number(login) + Number(password)});
}*/

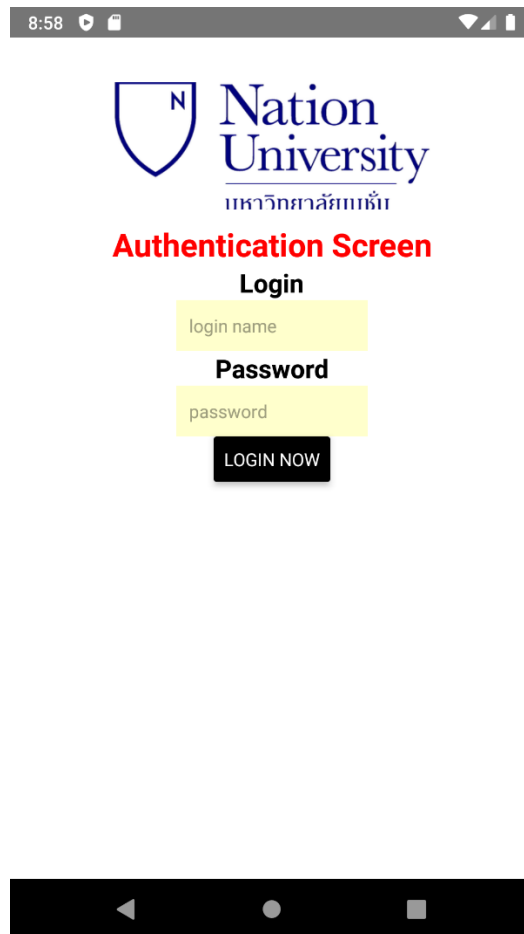
render() {
  return (
    <View style={styles.container}>
      <Image style={{ width: 250, height: 100,
        marginTop: 35}}
        source={require('./pics/ns_logo.png')}
      />
      <Text style={styles.title}>Authentication Screen</Text>
      <View style={styles.container2}>
        <Text style={{fontSize: 20, fontWeight: 'bold' }}>
          Login</Text>
        <TextInput
          placeholder="login name"
          maxLength={50}
        />
      </View>
    </View>
  );
}
```

```

        value={this.state.login}
        style = {styles.inputs}
        onChangeText={(login)=>this.setState({login})}
      />
      <Text style={{fontSize: 20, fontWeight: 'bold' }}>
        Password</Text>
      <TextInput
        placeholder="password"
        maxLength={50}
        value={this.state.password}
        style = {styles.inputs}
        secureTextEntry={true}
        onChangeText={(password)=>this.setState({password})}
      />
      <Button
        onPress = {this.onPressShow.bind(this)}
        //onPress = {this.calculateSum}
        title="LOGIN NOW"
        color="#000000"/>
    </View>
    <TextInput
      value ={this.state.sum}
    />
  </View>
);
}
}
const styles = StyleSheet.create({
  container: {
    flex: 1,
    backgroundColor: '#fff',
    alignItems: 'center',
    justifyContent: 'flex-start',
  },
  container2: {
    flex: 1,
    backgroundColor: '#fff',
    alignItems: 'center',
    justifyContent: 'flex-start',
  },
  title: {
    fontSize: 25,
    marginTop: 10,
    alignItems: 'center',
    fontWeight: 'bold',
  },
});

```

```
        color: 'red',
      },
      inputs:{
        width: 150,
        height: 40,
        padding: 10,
        backgroundColor:'#FFFFCC'
      }
    }
  });
```



The screenshot shows a mobile application interface for Nation University. At the top, there is a status bar with the time 8:58 and various icons. Below the status bar is the Nation University logo, which consists of a shield with a blue 'N' and the text 'Nation University' in blue, with the Thai text 'มหาวิทยาลัยเนชั่น' underneath. Below the logo, the text 'Authentication Screen' is displayed in red. Underneath this, the word 'Login' is centered. There are two input fields: the first is labeled 'login name' and the second is labeled 'password'. Both fields have a yellow background. Below the password field is a black button with the text 'LOGIN NOW' in white. At the bottom of the screen is a black navigation bar with three white icons: a back arrow, a home circle, and a recent apps square.

## Calculation page

```
import React from 'react';
import { StyleSheet, Text, View, Image, TextInput,
Button, Alert} from 'react-native';

export default class App extends React.Component {
  constructor(props){
    super(props);
    this.state = {Num1:0,Num2:0};}
  Sumplus={()=>
  {
    var N1=parseInt(this.state.Num1);
    var N2=parseInt(this.state.Num2);
    var Sum=N1+N2;
    Alert.alert("Sum Plus = " + Sum);
  }
  SumSubtrac={()=>
  {
    var N1=parseInt(this.state.Num1);
    var N2=parseInt(this.state.Num2);
    var Sum=N1-N2;
    Alert.alert("Sum Subtrac = " + Sum);
  }
  SumMultiply={()=>
  {
    var N1=parseInt(this.state.Num1);
    var N2=parseInt(this.state.Num2);
    var Sum=N1*N2;
    Alert.alert("Sum Multiply = " + Sum);
  }
  SumDivide={()=>
  {
    var N1=parseInt(this.state.Num1);
    var N2=parseInt(this.state.Num2);
    var Sum=N1/N2;
    Alert.alert("Sum Divide = " + Sum);
  }

  render() {
    return (
      <View style={styles.container}>
        <Text style={styles.title}>โปรแกรมลองคำนวณ</Text>
```

```

        <Text style={{fontSize: 20, fontWeight: 'bold' }}>Num1</Text>
        <TextInput placeholder="Number 1" style = {styles.inputs} onChangeText=
={Num1=>this.setState({Num1})}/>
        <Text style={{fontSize: 20, fontWeight: 'bold' }}>Num2</Text>
        <TextInput placeholder="Number 2" style = {styles.inputs} onChangeText=
{Num2=>this.setState({Num2})} />
        <Text>{"\n"}</Text>
        <View style={{flex: 0.1, flexDirection: 'row'}}>
        <Button title="Plus" onPress ={this.Sumplus}/>
        <Button title="Sub"    onPress ={this.SumSubtrac}/>
        <Button title="Mul"    onPress ={this.SumMultiply}/>
        <Button title="Div"    onPress ={this.SumDivide}/>
        </View>
    </View>
  );
}
}
const styles = StyleSheet.create({
  container: {
    flex: 1,
    backgroundColor: '#fff',
    alignItems: 'center',
    justifyContent: 'flex-start',
    marginTop: 50,
  },
  title: {
    fontSize: 20,
    marginTop: 10,
    alignItems: 'center',
    fontWeight: 'bold',
    color: 'red',
  },
  inputs:{
    width: 150,
    height: 40,
    padding: 10,
    backgroundColor: '#FFF0F5'
  },
  paragraph: {
    margin: 24,
    fontSize: 18,
    textAlign: 'left',
  },
});

```

