**CODE:**

import React, {Component} from 'react';

import {

View,

Text,

TextInput,

Button,

StyleSheet

} from 'react-native';

class App extends Component{

constructor(props){

super(props);

this.state = {

isLoggedIn : false,

username : '',

password : ''

}

}

handleClick(){

let data = {

"username": this.state.username,

"password": this.state.password

}

let headers = {

'Accept': 'application/html',

'Content-Type': 'application/json',

};

fetch("https://10.7.46.147/", {

method: "POST",

headers: headers,

body: JSON.stringify(data)

})

.then(function(response){

return response.json();

})

.then(function(data){

if(data.content == 'Login'){

this.setState({isLoggedIn: true})

}

});

}

render(){

if(this.state.isLoggedIn){

return(

<View style={styles.container}>

<Text style={styles.title}>Welcome !</Text>

<Button title='Logout' onPress={() => {this.setState({isLoggedIn: false})}}></Button>

</View>

)

}

else{

return(

<View style={styles.container}>

<Text style={styles.title}>LogIn</Text>

<TextInput style={styles.fields} placeholder='Username' onChangeText={(text)=>{this.setState({username: text})}}></TextInput>

<TextInput style={styles.fields} secureTextEntry={true} placeholder='Password' onChangeText={(text)=>{this.setState({password: text})}}></TextInput>

<Button title='Login' onPress={() => {this.handleClick()}}></Button>

</View>

)

}

}

}

const styles = StyleSheet.create({

container : {

flex: 1,

alignItems: 'center',

justifyContent: 'center'

},

title: {

fontSize: 50,

fontWeight: 'bold',

paddingBottom: 20

},

fields: {

margin: 10

}

});

export default App;

**Server.py:**

import requests

url = 'https://localhost.:8000/'

resp = requests.get(url=url)

saved\_users ={

'admin': 'admin'

}

if resp.content.username in saved\_users.keys and resp.content.password in saved\_users.values:

print('Login')

else

print('Error')

**SCREENSHOTS:**



