import React, { Component } from 'react';

import { Text, View, TextInput,onEndEditing, TouchableOpacity } from 'react-native';

export default class HelloWorldApp extends Component {

state ={

value:'',

todo:[],

}

deleteItem=(text)=>{

let{todo}=this.state;

const filteredArray = todo.filter(item=> item !==text);

this.setState({

todo: filteredArray

})

}

onAddTodo=()=>{

let {todo,value}=this.state;

if (value===''){

return;

}

todo.push(value);

this.setState({

todo:todo,

value:''

})

}

renderCells=()=>{

const {todo} = this.state;

return todo.map((item) => {

return (

<View style={styles.cellItem}>

<Text> { item} </Text>

<TouchableOpacity

onPress={()=>this.deleteItem(item)}

>

<Text> X </Text>

</TouchableOpacity>

</View>

)

})

}

onTextChanged=(text)=>{

this.setState({

value:text

})

}

render() {

return (

<View style={styles.mainContainer}>

{/\* Title \*/}

<Text style={styles.title}> My To-Do App</Text>

{/\* Body \*/}

<View style={styles.body}>

{/\* TextInput \*/}

<View>

<TextInput

style={styles.textInput}

placeholder="Set To-Do"

onChangeText={this.onTextChanged}

value={this.state.value}

/>

</View>

<TouchableOpacity

onPress ={this.onAddTodo}

style={styles.button}

>

<Text>

Create

</Text>

</TouchableOpacity>

{/\* Cell Items \*/}

{this.renderCells()}

</View>

</View>

);

}

}

const styles = {

mainContainer: {

flex: 1,

backgroundColor: '#bd2828',

alignItems: 'center'

},

title: {

color: 'white',

marginTop: 20,

},

body: {

marginTop: 20,

borderRadius: 10,

borderWidth: 1,

backgroundColor: 'white',

width: 150,

minHeight: 100,

},

textInput: {

textAlign: 'center',

borderBottomWidth : 1,

borderColor: 'grey',

},

button:{

textAlign:'center',

background:'blue'

},

cellItem: {

// borderWidth: 1,

height: 25,

marginVertical: 10,

backgroundColor: 'grey',

flexDirection: 'row',

justifyContent: 'space-between',

alignItems: 'center'

}

}