Procesual Sistemas Móviles – Hito2

ESTEBAN DANIEL PEREIRA NUÑEZ

Componente CvLogo
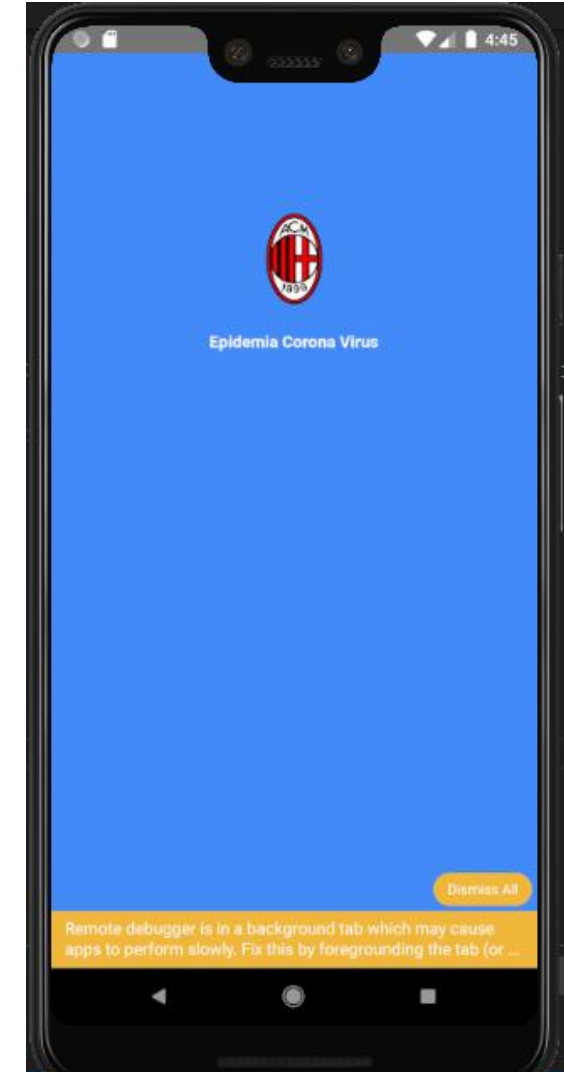## Componente

Estilos

Corrida

```jsx
1  import React, {Component} from 'react'
2  import {
3    StyleSheet,
4    View,
5    Text,
6    Image
7  } from 'react-native';
8  import Logo from '../img/milan.png'
9
10 export default class logo extends Component{
11     constructor(props){
12         super(props);
13     }
14     render(){
15         return(
16             <>
17                 <View style={styles.container}>
18                     <Image source={Logo} style={styles.image}/>
19                     <Text style={styles.text}>
20                         Epidemia Corona Virus
21                     </Text>
22                 </View>
23             </>
24         );
25     }
26 }
```

```jsx
const styles = StyleSheet.create({
    container:{
        flex:0.5,
        alignItems:'center',
        justifyContent:'center',
    },
    image:{
        width:80,
        height:80,
    },
    text:{
        color:'white',
        fontWeight:'bold',
        backgroundColor:'transparent',
        marginTop:20,
    }
})
```


Epidemia Corona Virus

Componente CvCasos

Componente Componente

```jsx
import React, {Component, useState} from 'react';
import {StyleSheet, View, TextInput, Text, Image} from 'react-native';
import PropTypes from 'prop-types';
import Colors from '../config/colors';

class textInputForm extends Component {
  constructor(props) {
    super(props);
    console.log(props);
  }
  render() {
    return (
      <View style={stylesTextInput.row} >
        <Text style={stylesTextInput.text}>
          {this.props.enunciado}
        </Text>
        <TextInput
          onChangeText={this.props.onChangeText}
          style={stylesTextInput.textInput}
          placeholder={this.props.placeholder}
          placeholderTextColor={Colors.white}
          underlineColorAndroid="transparent"
        />
      </View>
    );
  }
}
```
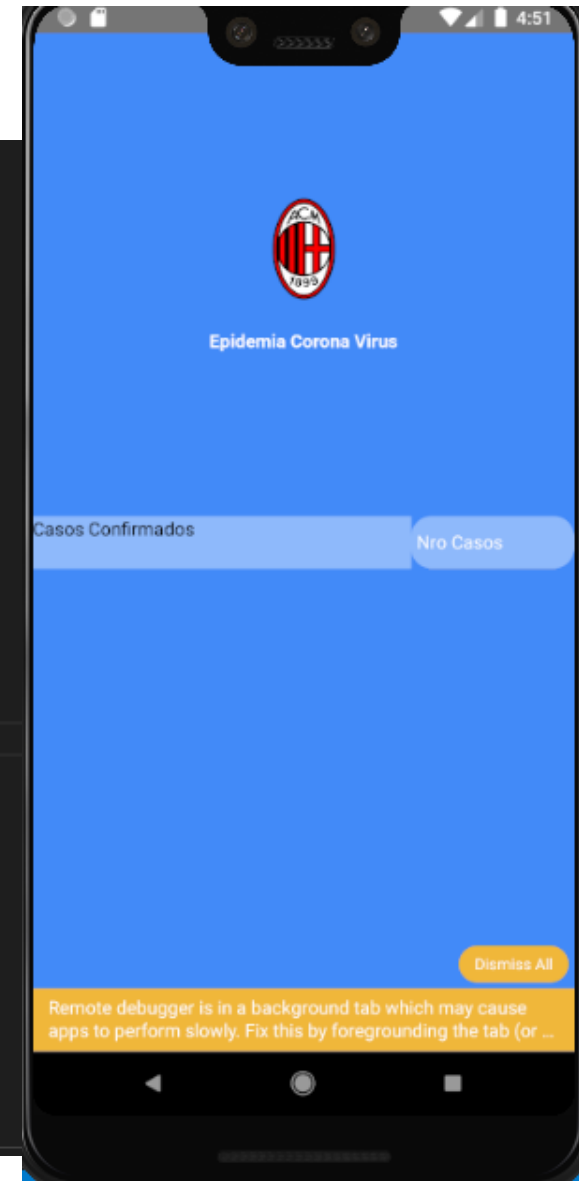
Estilos

```jsx
const stylesTextInput = StyleSheet.create({
  row: {
    //flex: 1,
    flexDirection: 'row',
    justifyContent: 'space-between',
    // marginBottom: 10
  },
  text: {
    backgroundColor: 'rgba(255, 255, 255, 0.4)',
    alignItems: 'center',
    height: 40,
    width: '70%'
  },
  textInput: {
    backgroundColor: 'rgba(255, 255, 255, 0.4)',
    alignItems: 'center',
    height: 40,
    borderColor: Colors.silver,
    borderRadius: 15,
    borderBottomWidth: StyleSheet.hairlineWidth,
    //marginBottom: 20,
    width:'30%'
  },
});
textInputForm.propTypes = {
  placeholder: PropTypes.string.isRequired,
  enunciado:PropTypes.string.isRequired
};
```

Corrida

Componente CvCiudad

```jsx
import React, { Component } from 'react';
import {StyleSheet, View, TextInput, Text, Image} from 'react-native';
import PropTypes from 'prop-types';
import InputCaso from '../components/textInput'
class ciudad extends Component {
    constructor(props) {
    super(props);
    this._onChangeTextConf = this._onChangeTextConf.bind(this);
    this._onChangeTextPos = this._onChangeTextPos.bind(this);
  }
  _onChangeTextConf(conf) {this.props.conf(conf);}
  _onChangeTextPos(pos) {this.props.pos(pos);}
  render() {
      return (
        <>
            <View style={stylesCiudad.form}>
                <Text style={stylesCiudad.title}>{this.props.nombre
                <InputCaso
                    placeholder='Nro Casos'
                    enunciado='Casos Confirmados'
                    onChangeText={this._onChangeTextConf}/>
                <InputCaso
                    placeholder='Nro Casos'
                    enunciado='Casos Sospechosos'
                    onChangeText={this._onChangeTextPos}/>
            </View>
        </>
    );
};
```
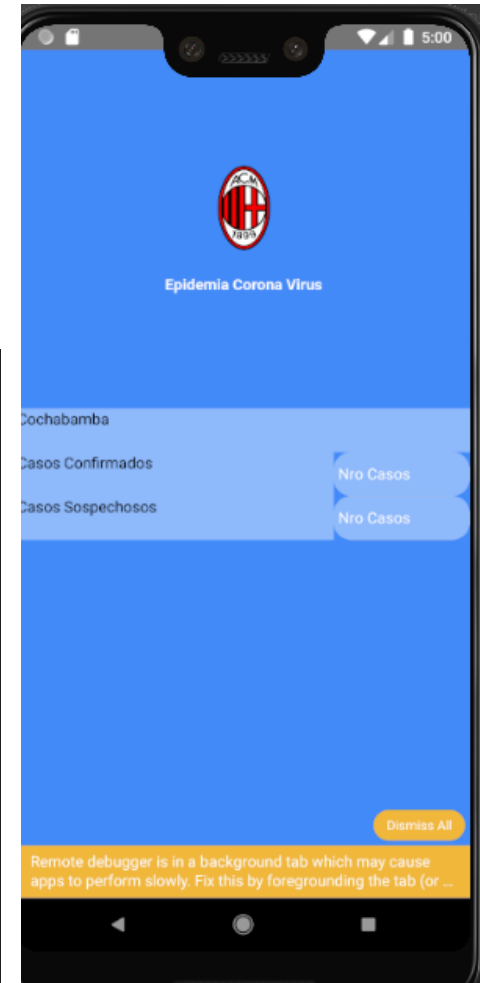
Estilos

```jsx
}
const stylesCiudad = StyleSheet.create({

  title: {
    backgroundColor: 'rgba(255, 255, 255, 0.4)',
    alignItems: 'center',
    height: 40,
    width: '100%',
     alignItems:'center',
        justifyContent:'center',
  },
  form: { justifyContent: 'center', width: '100%'},
});

ciudad.propTypes = {
    nombre:PropTypes.string.isRequired,
};

export default ciudad;
```

Corrida

Componente CvScreen

Metodos para la funcionalidad

Imports y states

```javascript
import React, {Component} from 'react';
import {StyleSheet, View, Text} from 'react-native';
import Constants from '../../src/config/constants';
import Colors from '../../src/config/colors';
import Logo from '../components/logo'
import Ciudad from '../components/ciudad'
import Boton from '../components/button'
import InputSimple from '../components/input'
import TextInput from '../components/textInput'
class coronaScreen extends Component {
  constructor(props) {
    super(props);
    this.state = {
      cbac:'',
      cbas:'',
      lpzc:'',
      lpzs:'',
      oruc:'',
      orus:'',
      busqueda:''
    };
    this._onPress = this._onPress.bind(this);
    this._onChange = this._onChange.bind(this);
  }
}
```

```javascript
_onChange(value){
    this.setState({busqueda:value}  )
}
_onPress() {
  console.log('press')
  console.log(this.state)
  if(this.state.busqueda==='confirmado'){
      console.log('entro conf')
      if(this.state.cbac > this.state.lpzc && this.state.cbac > this.state.oruc){
        console.log("Cochabamba");
      }
      else if(this.state.lpzc > this.state.cbac && this.state.lpzc > this.state.oruc){
        console.log("La Paz");
      }
      else{
        console.log("Oruro");
      }
  }
  if(this.state.busqueda==='posible'){
      if(this.state.cbas > this.state.lpzs && this.state.cbas > this.state.orus){
        console.log("Cochabamba");
      }
      else if(this.state.lpzs > this.state.cbas && this.state.lpzs > this.state.orus){
        console.log("La Paz");
      }
      else{
        console.log("Oruro");
      }
  }
}
```

Componente

Métodos de cambio de estado

```jsx
render() {
  return (
    <>
      <View style={stylesLoginScreen.container}>
        <Logo style={stylesLoginScreen.logo} />
        <Ciudad nombre='Cochabamba' pos={this.agregarCochaPos} conf={this.agregarCochaConf}></Ciudad>
        <Ciudad nombre='La Paz' pos={this.agregarLpzPos} conf={this.agregarLpzConf}></Ciudad>
        <Ciudad nombre='Oruro' pos={this.agregarOruPos} conf={this.agregarOruConf}></Ciudad>
        <InputSimple
          placeholder='Ingrese Busqueda'
          onChangeText={this._onChange}
        />
        <Boton
          onPress={this._onPress}
          titleButton='Calcular'
        />
      </View>
    </>
  );
}
```
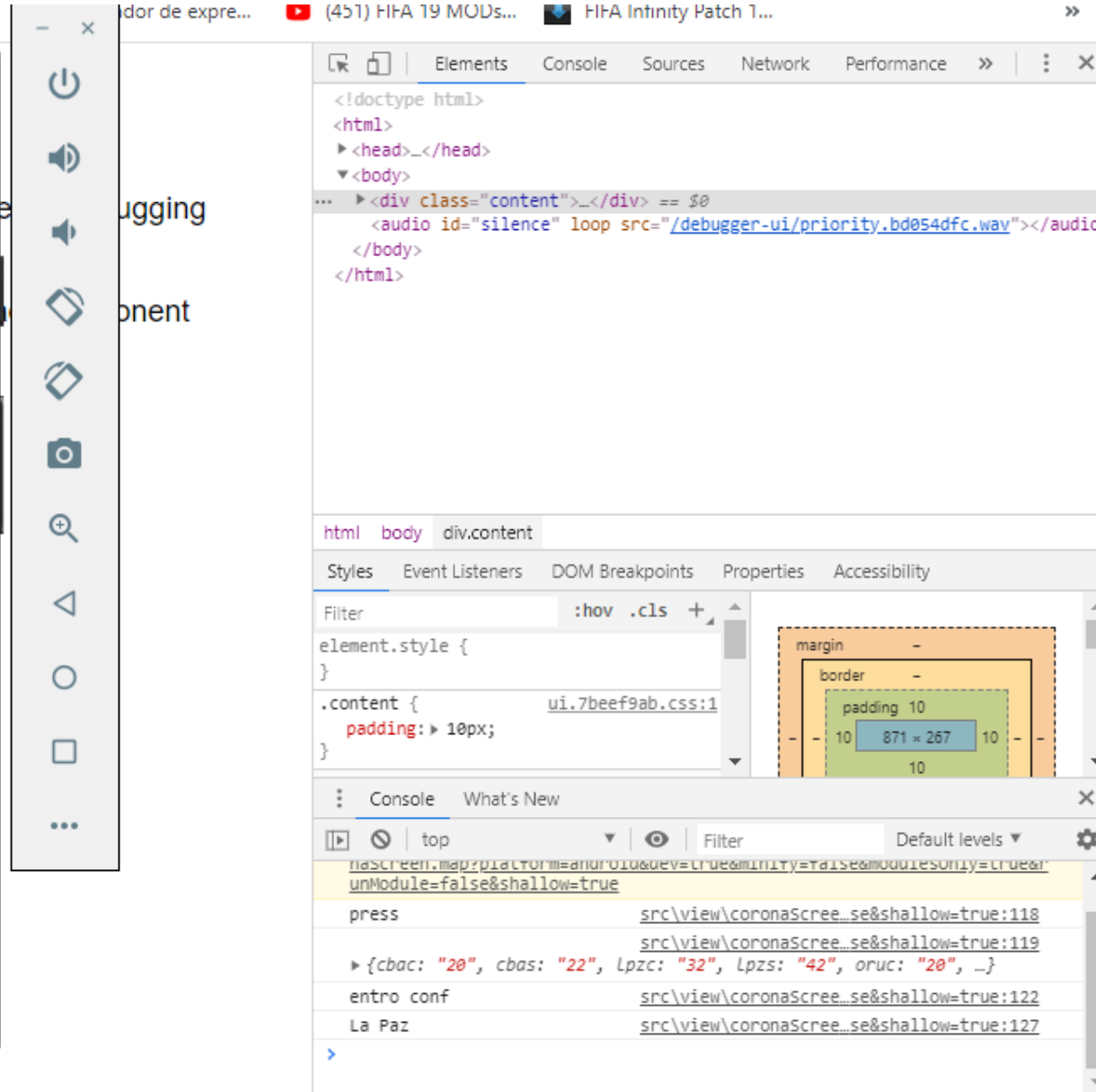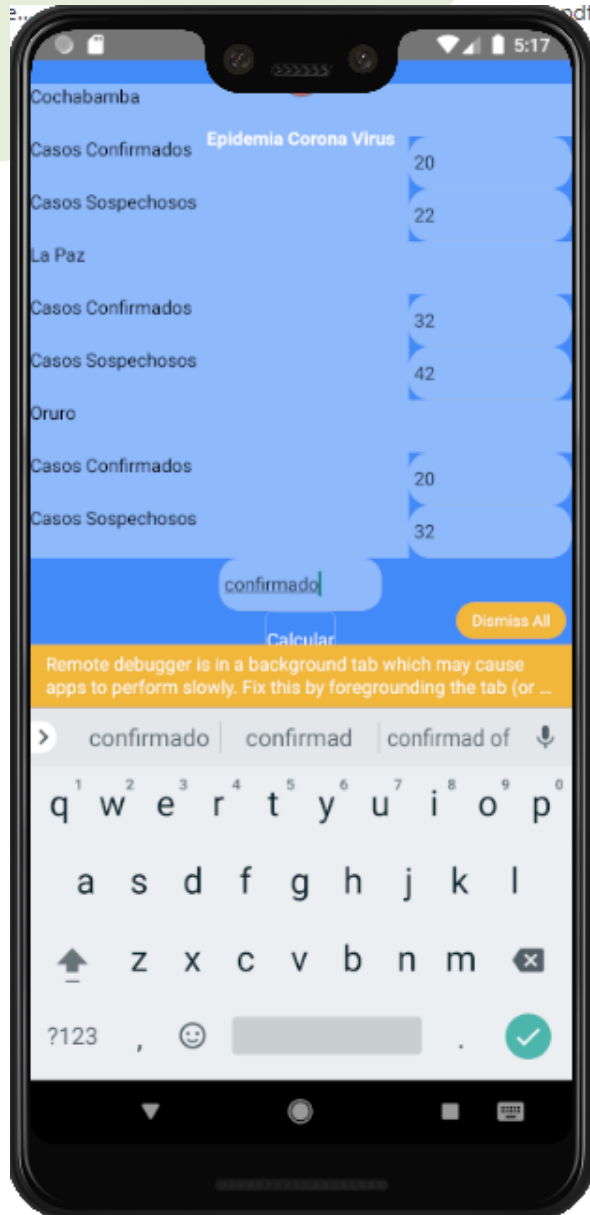
```jsx
}
//cbba
agregarCochaConf = datos => {
  this.setState({cbac:datos})}
agregarCochaPos = datos => {
  this.setState({cbas:datos})}
//lpz
agregarLpzConf = datos => {
  this.setState({lpzc:datos})}
agregarLpzPos = datos => {
  this.setState({lpzs:datos})}
//oru
agregarOruConf = datos => {
  this.setState({oruc:datos})}
agregarOruPos = datos => {
  this.setState({ orus:datos})}
```

```jsx
const stylesLoginScreen = StyleSheet.create({
  container: {
    flex: 1,
    backgroundColor: Colors.blue,
    alignItems: 'center',

  },
  logo: { width: '100%', resizeMode: 'contain', alignSelf: 'center'},
  form: { justifyContent: 'center', width: '80%'},
});

export default coronaScreen;
```
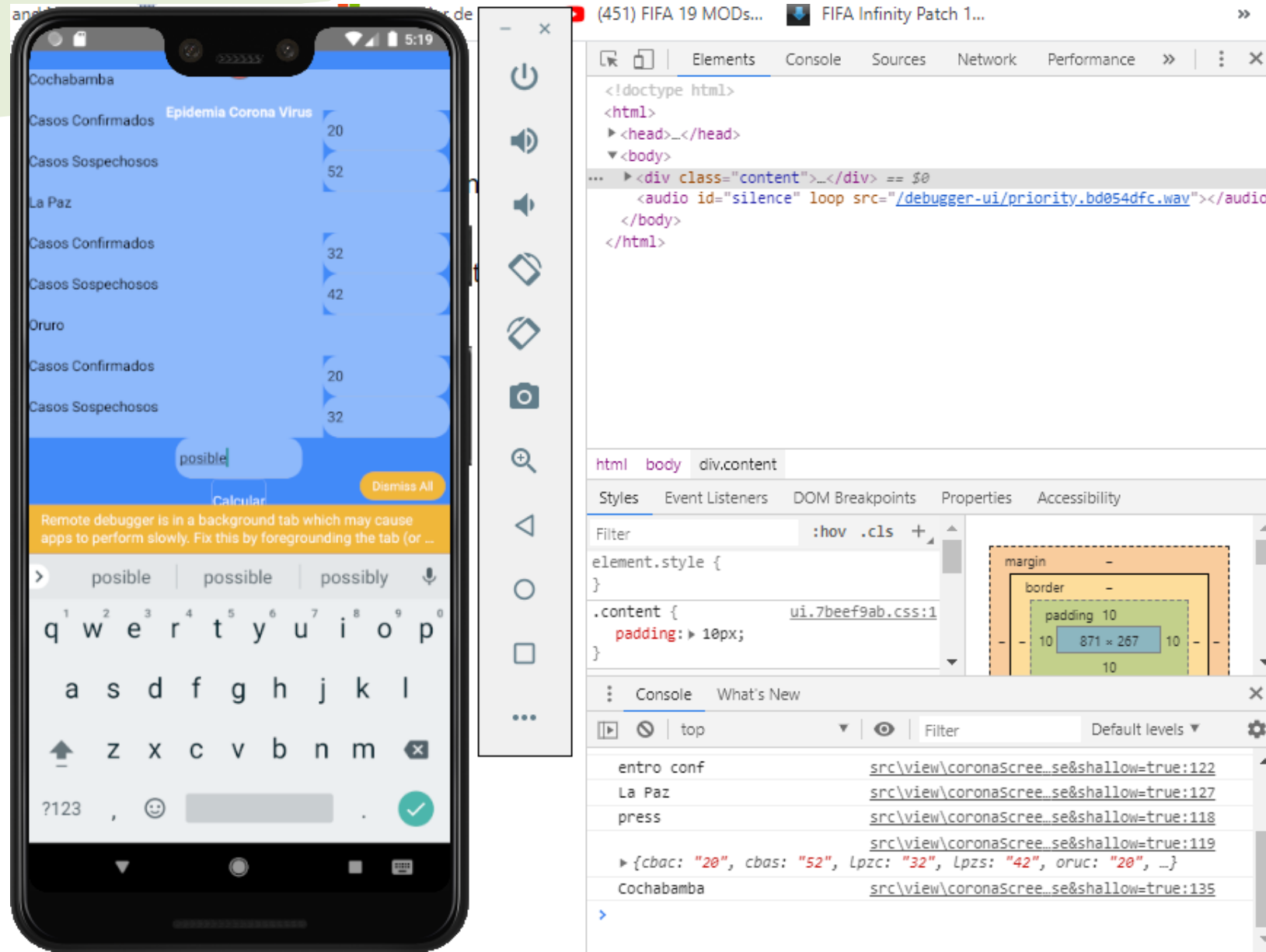
Corrida

Cuando el valor de búsqueda es confirmado, busca la ciudad con mayor numero de casos confirmados

Corrida

Cuando el valor de búsqueda es posible, busca la ciudad con mayor numero de casos posibles

FIN