```javascript
import React, { Component } from 'react';
import {
  StyleSheet,
  Text,
  View,
  TextInput,
  Button,
  TouchableOpacity,
  Image,
  Alert,
  Switch,
  AsyncStorage,
  YellowBox
} from 'react-native';
import firebase from 'firebase';
import _ from 'lodash';
import Toast from 'react-native-simple-toast';
import { Icon } from 'react-native-elements';
import { Dropdown } from 'react-native-material-dropdown';

import ButtonComponent from '../../components/ButtonComponent';
import FormInput from '../../components/FormInput';
import DropdownInput from '../../components/DropdownInput';

class UserRegistration extends Component {
  constructor(props) {
    super(props);
    this.state = {
      firstname: '',
      lastname: '',
      email: '',
      password: '',
      licence: '',
      error: '',
       coverage: ''
    }
  }

  async componentDidMount(){

   }

   //EVENT: firebase call
   //create new user
  async createUser(){
    const data = await {
      email: this.state.email,
      firstname: this.state.firstname,
      lastname: this.state.lastname,
      licence: this.state.licence,
      coverage: this.state.coverage
    }

    this.valid = false

    //check if all required fields are filled
    if(data.email != ''
    && data.firstname != ''
    && data.lastname != ''
```

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        && data.licence != ''
        && data.licence != ''){

            this.valid = true

      } else {
        Toast.show("All fields are required")
      }

      //create user
      //return success
      if(this.valid){
        this.valid = await
firebase.auth().createUserWithEmailAndPassword(this.state.email,
this.state.password).catch((error) => {
            this.setState({error: error.message})
            return false
        });
      }

      //login new user
      //return success
      if (this.valid) {
        await firebase.auth().signInWithEmailAndPassword(this.state.email,
this.state.password).then(() => {
            // this.passwordInput.clear()
            // this.emailInput.clear() TODO: commented until fixed
        }).catch((error) => {
            this.setState({error:error.message})
        });
      }

      //upload information to db
      if (this.valid) {
        const { currentUser } = firebase.auth();
        await firebase.database().ref(`users/${currentUser.uid}/`).set(data)
      }

      //navigate to add vehicle screen
      { this.valid ? this.props.navigation.navigate('VehicleRegistration') : null}
  }

  render() {
    return (
      <View style={styles.container}>
        <View style={styles.content}>
          <Image
              source={require('../../../assets/start.png')}
              alignSelf='center'
              style={styles.image}
            />
          <Text style={styles.logo}>Lets get started</Text>
          <FormInput
                icon='user'
                type='antdesign'
                onChangeText={firstname => this.setState({firstname})}
                placeholder='Firstname'
              />
```

```
<FormInput
  icon='user'
  type='antdesign'
  onChangeText={lastname => this.setState({lastname})}
  placeholder='Lastname'
/>

<FormInput
    icon='mail'
    type='antdesign'
    onChangeText={email => this.setState({email})}
    placeholder='Email Address'
  />

<FormInput
  icon='key'
  type='antdesign'
  onChangeText={password => this.setState({password})}
  placeholder='Password'
  secureTextEntry={true}
/>

<DropdownInput
  icon='drivers-license-o'
  type='font-awesome'
  data={[{
      value: 'Full Licence'
  }, {
      value: 'Provisional Licence'
  }]}
  onChangeText={(value) => this.setState({ licence: value})}
  label='Licence Status'
/>

<DropdownInput
  icon='attach-money'
  type='material'
  data={[{
      value: 'Third Party Insurance'
  }, {
      value: 'Third Party Fire & Theft'
  }, {
      value: 'Comprehensive'
  }]}
  onChangeText={(value) => this.setState({ coverage: value})}
  label='Insurance Coverage'
/>

<View>
  <Text style={{ justifyContent: 'space-around', color: 'red'
}}>{this.state.error}</Text>
</View>

<ButtonComponent
  icon='arrowright'
  type='antdesign'
  text='Next'
  onPress={() => this.createUser()}
/>
```

```
                    <TouchableOpacity style={styles.buttonContainer} onPress={() =>
this.props.navigation.navigate('LoginScreen')}>
                        <Text style={styles.back}>Already have an account? Sign in.</Text>
                    </TouchableOpacity>
                </View>
            </View>
        );
    }
}

const styles = StyleSheet.create({
    container: {
        flex: 1,
        backgroundColor: '#EFF1F3',
    },
    content: {
        flex: 1,
        alignSelf:'center',
        width: '80%',
        paddingTop: '10%',
    },
    logo:{
        fontWeight:"bold",
        fontSize:35,
        color:"#2E6CB5",
        marginBottom:40,
        textAlign: 'center'
    },
    back:{
        color:"#373E45",
        fontSize:15,
        textAlign: 'center'
    },
    image:{
        flex: 2,
        width: 150,
        height: 150,
        resizeMode: 'contain'
    },
});

export default UserRegistration;
```