```javascript
import React, { Component } from 'react';
import {
  StyleSheet,
  Text,
  View,
  Image
} from 'react-native';
import firebase from 'firebase';
import _ from 'lodash';
import Toast from 'react-native-simple-toast';
import FormInput from '../../components/FormInput';
import DropdownInput from '../../components/DropdownInput';
import ButtonComponent from '../../components/ButtonComponent';

class VehicleRegistration extends Component {
  constructor(props) {
    super(props);
    this.state = {
      name: '',
      year: '',
      type: '',
      error: ''
    }

    //populate year array going back 50 years
    const year = (new Date()).getFullYear();
    this.years = new Array()
    for (let index = 0; index < 50; index++) {
        this.years.push({value: year - index})
    }
  }

  //EVENT: firebase call
  //add new vehicle
  async addVehicle(){
      const { currentUser } = firebase.auth()

      this.vehicle = {
        name: this.state.name,
        year: this.state.year,
        type: this.state.type,
      }

      //check if all required fields are filled
      if(this.vehicle.name != ''
        && this.vehicle.year != ''
        && this.vehicle.type != ''){

          this.valid = true

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

      //upload new vehicle to db
      if(this.valid) {
        firebase.database().ref(`users/${currentUser.uid}/vehicles/`)
            .push(this.vehicle)
            //navigate user to homescreen
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                this.props.navigation.navigate('BottomTab')
            }
        }

    render() {
        return (
            <View style={styles.container}>
                <View style={styles.content}>
                    <View style={{flex: 3}}>
                        <Image
                            source={require('../../../assets/start.png')}
                            alignSelf='center'
                            style={styles.image}
                        />
                        <Text style={styles.logo}>Add your first vehicle</Text>
                    </View>


                <View style={{flex: 3}}>
                    <FormInput
                        icon='car'
                        type='antdesign'
                        placeholder='Vehicle Nickname'
                        onChangeText={name => this.setState({name})}
                    />

                    <DropdownInput
                        icon='calendar'
                        type='feather'
                        label='Year'
                        data={this.years}
                        onChangeText={(value) => this.setState({ year: value})}
                    />

                    <DropdownInput
                        icon='list'
                        type='entypo'
                        label='Model Type'
                        data={[{
                            value: 'Hatchback'
                        },{
                            value: 'Sedan'
                        }, {
                            value: 'Roadster'
                        },{
                            value: 'Coupe'
                        },{
                            value: 'SUV'
                        }, {
                            value: 'Pickup'
                        },{
                            value: 'Minivan'
                        }]}
                    onChangeText={(value) => this.setState({ type: value})}
                    />

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

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              </View>
            </View>
            <View style={{flex:1}}>
              <ButtonComponent
                icon='arrowright'
                type='antdesign'
                onPress={() => this.addVehicle()}
                text='Done'
              />
            </View>


        </View>
      </View>
    );
  }
}

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

export default VehicleRegistration;
```