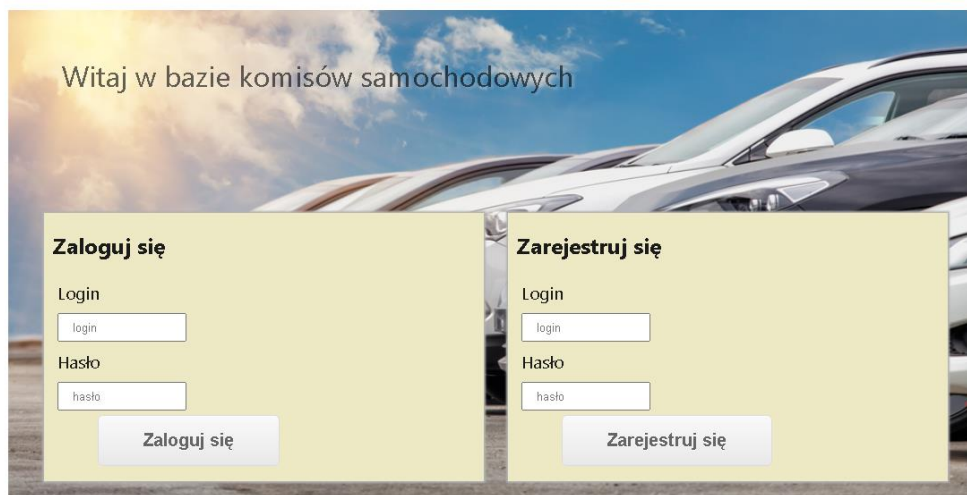


Report

Michał Karol (299694) - Applied Computer Science

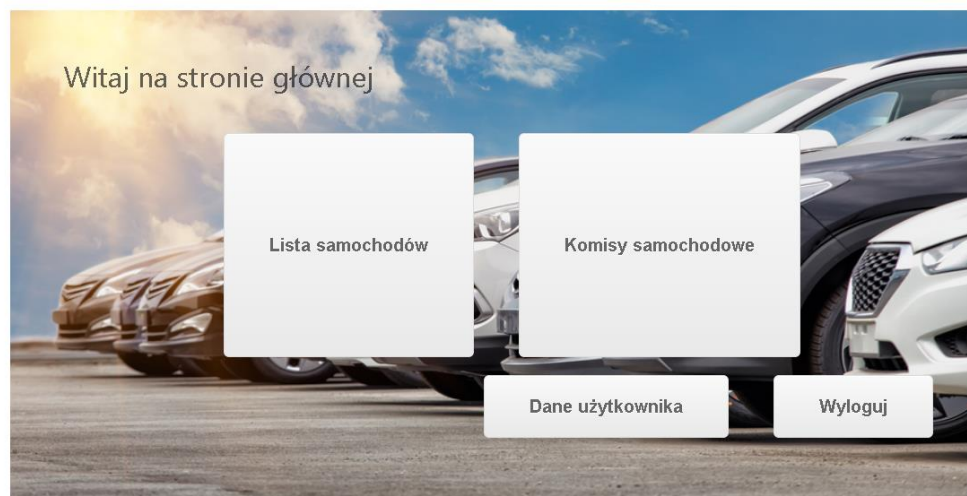
1. **Subject**: Car service created for used car dealer.
2. **Technology**: **React** (also known as **React.js** or **ReactJS**) is an open-source JavaScript library for building user interfaces. It is maintained by Facebook and a community of individual developers and companies.
3. **Graphic interface**:
 - a. home page - includes login and registration form

Car service



- b. main menu - includes navigation buttons for car list, company list, user data and logout

Car service



- c. car list - a paged list of cars with a preview of the most important information and a button for car details

Lista samochodów

Volkswagen Golf VI 2009	22500 PLN
Zobacz szczegóły	
Volkswagen Passat B8 2019	140900 PLN
Zobacz szczegóły	
Audi RS7 I 2016	270000 PLN
Zobacz szczegóły	
Citroen C1 I 2006	7000 PLN
Zobacz szczegóły	
Saab 9-5 I 2004	6500 PLN
Zobacz szczegóły	
Seat Leon II 2010	22900 PLN
Zobacz szczegóły	
Skoda Octavia I 2003	8300 PLN
Zobacz szczegóły	
Skoda Fabia II 2012	19900 PLN
Zobacz szczegóły	

- d. list of companies – list of all companies on the site; allows you to add a new company

Car service

Lista komisów samochodowych

Lux Auto Centrum

Zobacz szczegóły

Autocentrum AAA Auto

Zobacz szczegóły

Auto-Euro

Zobacz szczegóły

- e. car details - allows editing the car details

Car service

Dane samochodu

Marka

Skoda

Model

Fabia

Generacja

II

Rok produkcji

2012

Nadwozie

city car

Paliwo

gasoline

Przebieg

80 000

Silnik

1.2

Skrzynia biegów

manual

Kolor

blue

Cena

19900

Status pojazdu

used

Edytuj

Usuń

Lista samochodów

Lista komisów

- f. new company page - form for adding new companies

Car service

Dane komisu
Nazwa

Adres email

Numer telefonu

- g. company details - company details along with a list of company cars and the option to add a new car

Car service

Dane komisu
Nazwa

Adres email

Numer telefonu

Lista samochodów w komisie

Mercedes-Benz Classe E W210 1998	7800 PLN
---	-----------------

4. **The most important parts of the code:**

- a. network communication - here the GET metod:

```
export function GetData(type){
```

```
  let baseUrl = 'http://localhost:9000/';
```

```
  return new Promise((resolve, reject) => {
```

```
    fetch(baseUrl+type,{  
      credentials: 'include',
```

```

        method: 'GET',
        headers: {
            'Accept': 'application/json',
            'Content-Type': 'application/json',
            'Access-Control-Allow-Origin': 'http://localhost:3000'
        },
        token: localStorage.getItem("token")
    })
    .then((response) => response.json())
    .then((responseJson) => {
        resolve(responseJson);
    })
    .catch((error) => {
        reject(error);
    });
});

}

```

b. using the GET metod:

```

GetData('cars').then ((result) => {
    let responseJSON = result;
    if(responseJSON){
        this.setState({cars: responseJSON})
    }
},
_ => {
    store.addNotification({
        title: "Błąd ładowania",
        message: "Nastąpił problem z załadowaniem danych z
serwera",
        type: "danger",
        container: "top-right",
        insert: "top",
        animationIn: ["animated", "fadeIn"],
        animationOut: ["animated", "fadeOut"],
        dismiss: {
            duration: 2000
        },
    },

```

```

        width: 600
    })
})

```

c. application state management:

```

if(this.state.login && this.state.password){
  postData('user/login', this.state).then ((result) => {
    let responseJSON = result;
    this.setState({id: responseJSON.id})
    if(responseJSON.login){
      sessionStorage.setItem('userData', responseJSON.name);
      this.setState({redirect: true});
    }
  },
  _ => {
    store.addNotification({
      title: "Błąd logowania",
      message: "Zły login lub hasło",
      type: "danger",
      container: "top-right",
      insert: "top",
      animationIn: ["animated", "fadeIn"],
      animationOut: ["animated", "fadeOut"],
      dismiss: {
        duration: 2000
      },
      width: 600
    })
  })
})

```