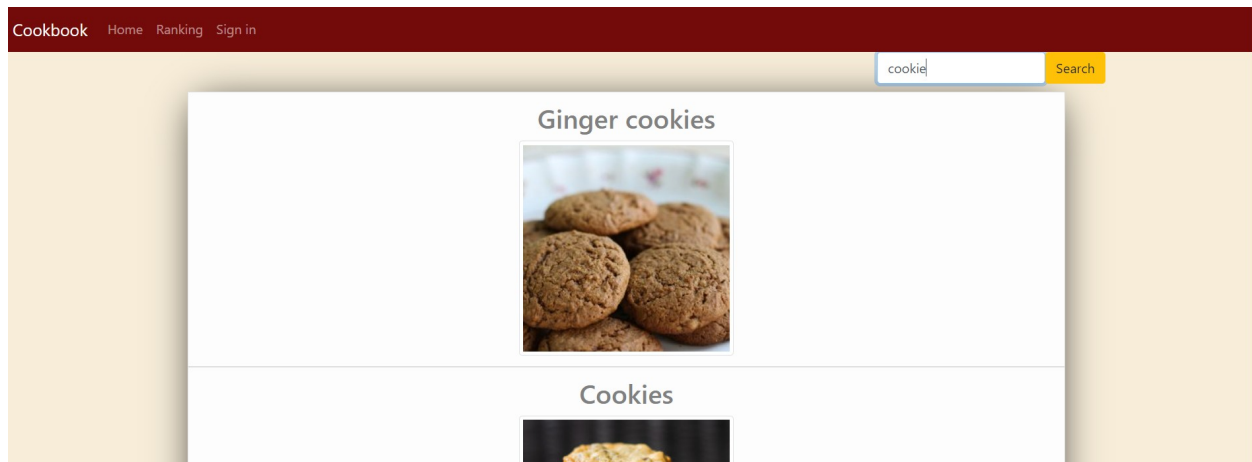


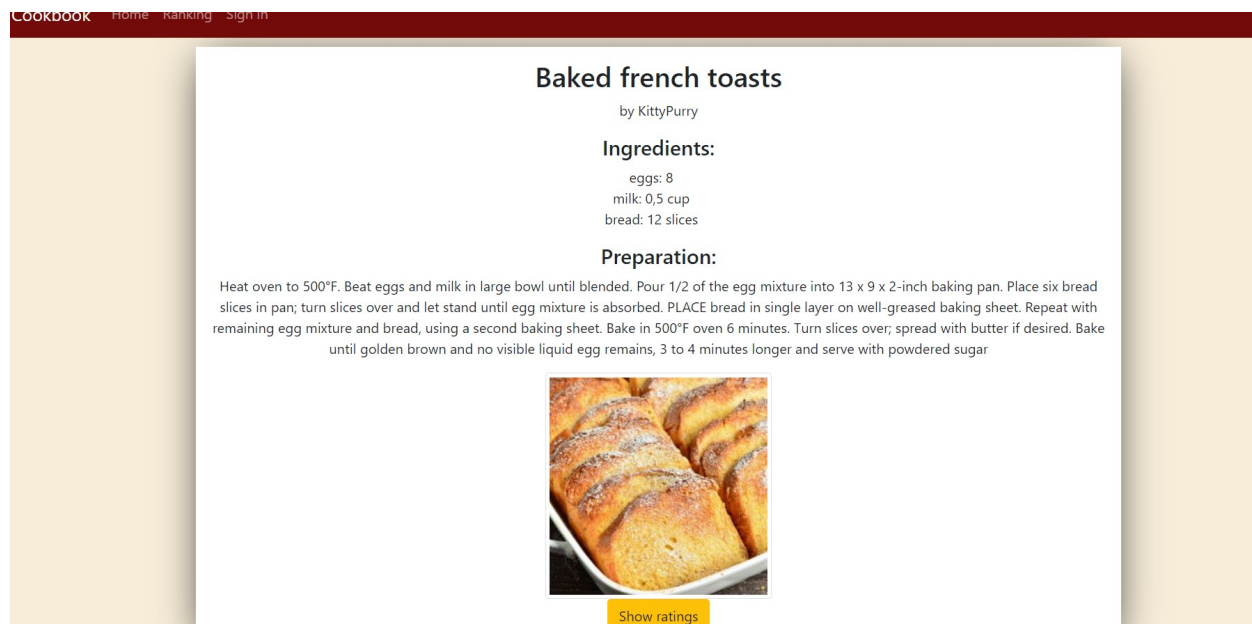
Dominika Leśniak, 299712  
Applied Computer Science, year III

## Cookbook app

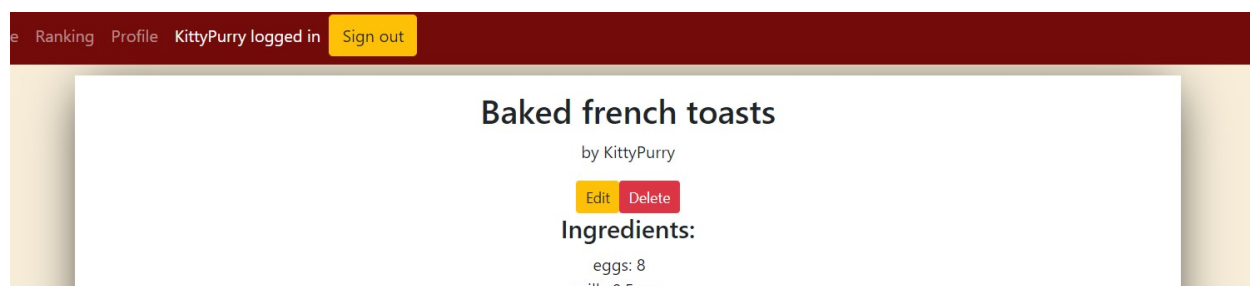
The Cookbook app allows users to view recipes for meals shared by other users, as well as create accounts and share recipes themselves.



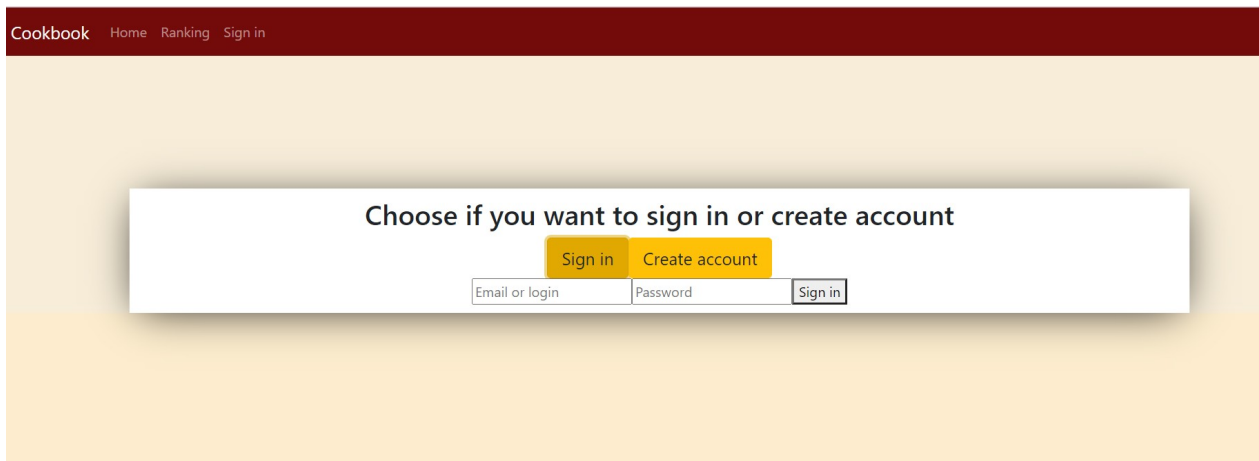
Home page with search bar



Single recipe page

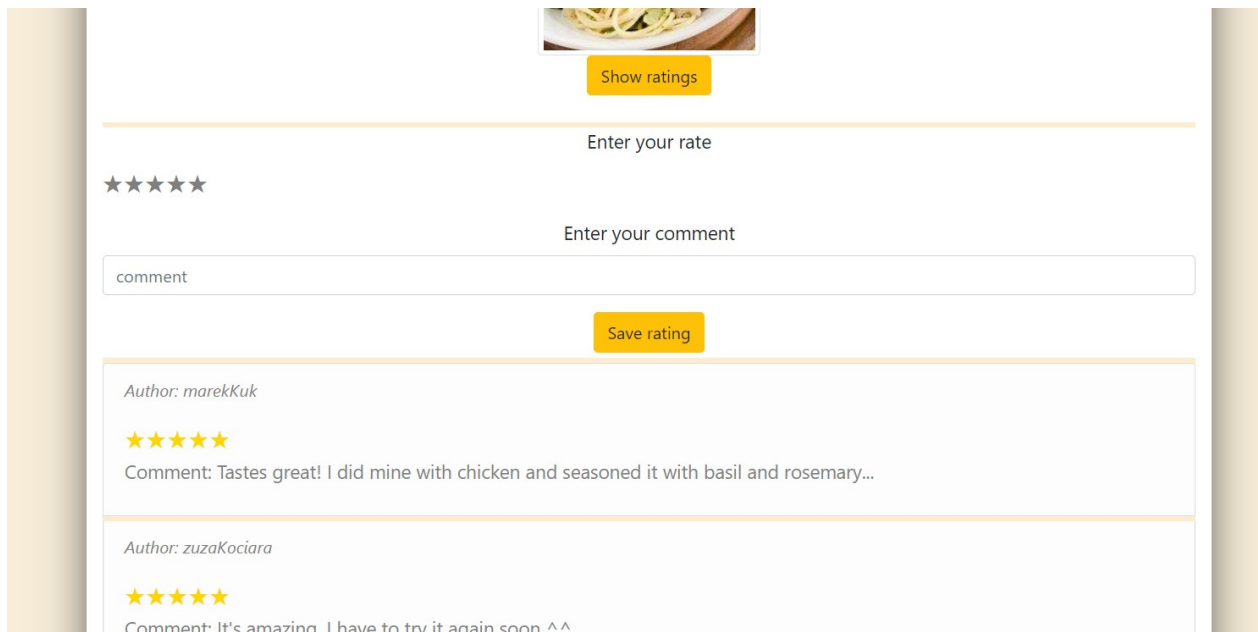


Recipe edit/delete functionalities for recipe owner

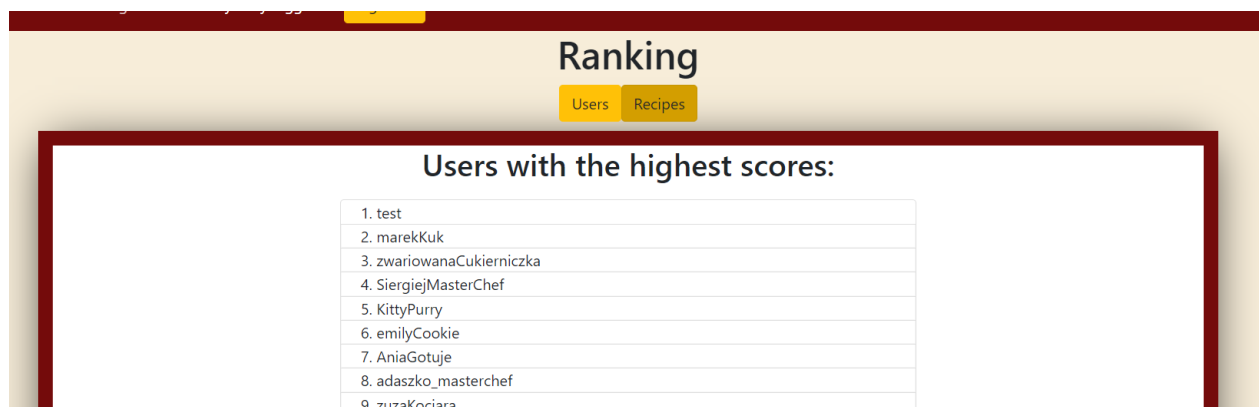


Login page

Signed users can also rate recipes – both these actions give user points which are used to create the ranking of the most active users. There is also recipe ranking for the most rated recipes.

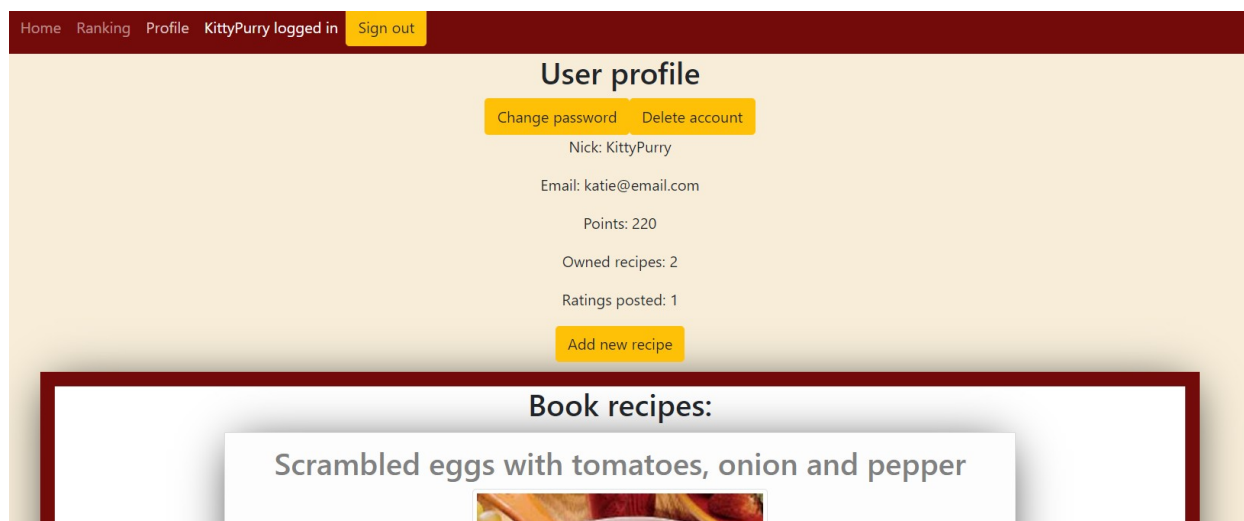


Rating section below recipe

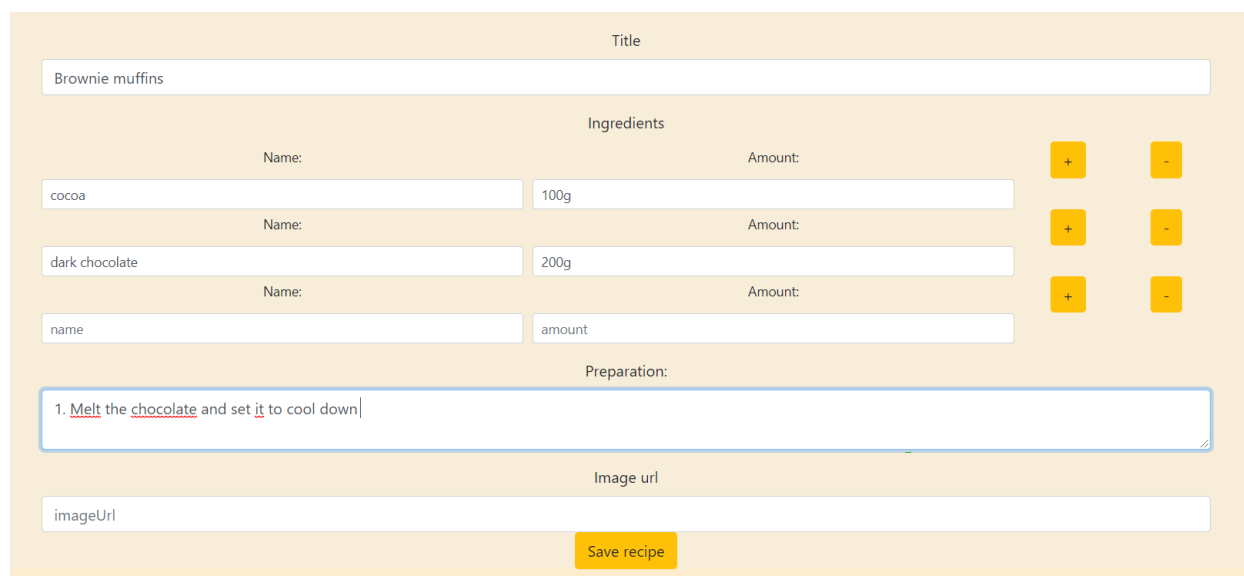


Users ranking page

User profile page is a place where users can find all their posted recipes and their stats, as well as add new recipe, change account password or delete account.



*User profile page*



*Recipe post/edit form*

The app was created using React.js. It communicates with backend Springboot app using Axios library. User authorization is made by passing JWT token in request headers when requesting secured endpoints.

```
componentDidMount() {  
  const config = {  
    headers: {  
      Authorization: "Bearer " + localStorage.getItem("JWT")  
    }  
  }  
  axios.get(`http://localhost:8080/user/profile`, config)  
    .then(res => {  
      const user = res.data;  
      this.setState({  
        user: user  
      })  
    })  
}
```

*Example of GET request with Axios*

The app routing is achieved using Router from react-user-dom library, along with practical navigation bar. Some pages, like user profile, are unavailable for guests and redirect them to the main page when they try to access them. All the component are provided with user context which keeps informations about currently logged user.

```
<userContext.Provider value={value}>
  <Router>
    <NavigationBar user={value.user} logout={this.logout} />
    <Switch>
      <Route path="/profile"
        render={() => value.user.name
          ? <Profile /> :
          <Redirect to="/login" />}
      />
      <Route path="/ranking">
        <RankingSection />
      </Route>
      <Route path="/login">
        <LoginManager />
      </Route>
      <Route path="/recipe/:id">
        <Recipe />
      </Route>
      <Route path="/user/:id">
        <User />
      </Route>
      <Route path="/newRecipe"
        render={() => value.user.name
          ? <NewRecipeManager /> :
          <Redirect to="/login" />}
      />
      <Route path="/">
```

*Application router*

```
import React from 'react';

const userContext = React.createContext(
  {
    user: {},
    login: () => {},
    logout: () => {}
  });

export {
  userContext
};
```

*User context component*

Navigation bar, buttons, lists and forms were imported from react-bootstrap library, and all the additional design (colours, shading, margins) was applied using css files.