Ads – SPA with AngularJS Lab

The **goal of this lab** is to continue the development of the Online Ads AngularJS application: add **user registration functionality**.

Problem 6.   Register User

Step 1. Implement the user registration form:

register.html

```html
<div class="box">
  <h2>Register</h2>
  <p>
      <label for="username">Username:</label>
      <input type="text" id="username" ng-model="userData.username" required />
  </p>

  <!-- TODO: add "password" field -->

  <!-- TODO: add "confirm password" field -->

  <!-- TODO: add "name" field -->

  <!-- TODO: add "email" field -->

  <!-- TODO: add "phone" field -->

  <p>
      <label for="town">Town:</label>
      <select id="town" ng-model="userData.townId">
          <option value="null">(None)</option>
          <option ng-repeat="town in towns"
              value="{{town.id}}">{{town.name}}</option>
      </select>
  </p>
  <p>
      <a ng-click="register(userData)" class="button">Register</a>
      <a href="#/login" class="link">Login</a>
  <p>
</div>
```

10 score

Step 2. Implement the **RegisterController**. It should first load all towns for the drop-down list in the registration form, then handle the **[Register] button** click event:

RegisterController.js

```javascript
'use strict';

app.controller('RegisterController',
    function ($scope, $location, townsService, authService, notifyService) {
        $scope.userData = {townId: null};
```

```
            // TODO: load the towns in $scope (for the towns drop-down list)

            $scope.register = function(userData) {
                authService.register(userData,
                    function success() {
                        // TODO: display success message
                        // TODO: redirect to login screen
                    },
                    function error(err) {
                        notifyService.showError("User registration failed", err);
                    }
                );
            };
        }
);
```
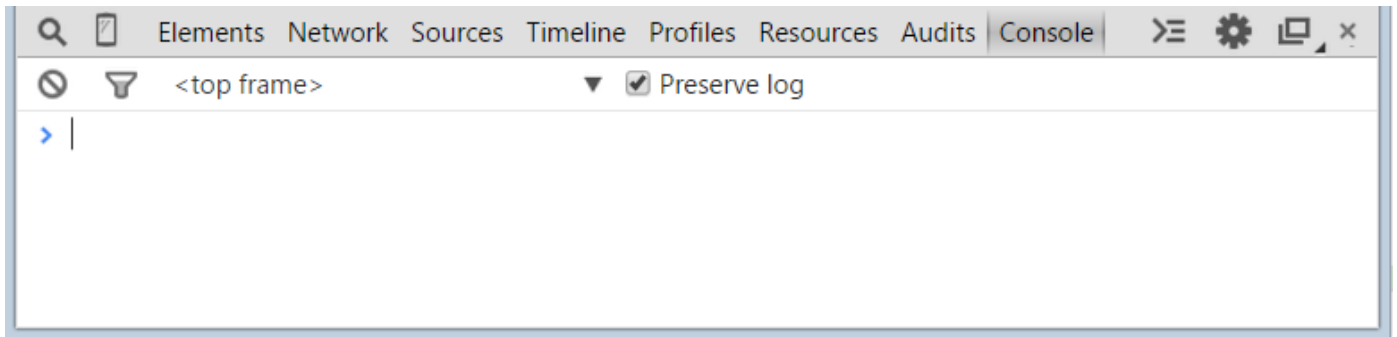
10 score

Step 3. Test your application to ensure that **user registration work correctly**:

- Check also the **incorrect user registration** functionality:

- Check for errors at the Web browser's development console:

10 score

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