**WT Assignment 9**

**Neeti Kurulkar**

**Login and Registration with AngularJS**

**Codes:**

1. **Index.html**

<!DOCTYPE html>

<html ng-app="authApp">

<head>

<meta charset="UTF-8">

<title>AngularJS Auth App</title>

<script src="https://ajax.googleapis.com/ajax/libs/angularjs/1.8.2/angular.min.js"></script>

<script src="https://ajax.googleapis.com/ajax/libs/angularjs/1.8.2/angular-route.min.js"></script>

<script src="app.js"></script>

<script src="controllers.js"></script>

<style>

body {

font-family: 'Segoe UI', sans-serif;

background-color: #f4f4f4;

margin: 0;

padding: 0;

}

h2 {

text-align: center;

margin-top: 40px;

color: #333;

}

.form-container {

background-color: #ffffff;

max-width: 400px;

margin: 40px auto;

padding: 30px;

border-radius: 12px;

box-shadow: 0 2px 10px rgba(0,0,0,0.1);

}

.form-container h3 {

text-align: center;

margin-bottom: 20px;

}

label {

display: block;

margin: 12px 0 5px;

color: #333;

}

input[type="text"],

input[type="password"] {

width: 100%;

padding: 10px;

border: 1px solid #ccc;

border-radius: 6px;

box-sizing: border-box;

}

button {

width: 100%;

padding: 10px;

background-color: #007BFF;

border: none;

color: white;

font-size: 16px;

margin-top: 20px;

border-radius: 6px;

cursor: pointer;

transition: background-color 0.3s;

}

button:hover {

background-color: #0056b3;

}

p {

text-align: center;

margin-top: 15px;

}

a {

color: #007BFF;

text-decoration: none;

}

a:hover {

text-decoration: underline;

}

</style>

</head>

<body>

<h2>AngularJS Registration and Login</h2>

<div ng-view></div>

</body>

</html>

1. **Login.html**

<h3>Login</h3>

<form ng-submit="login()">

<label>Username:</label>

<input type="text" ng-model="credentials.username" required>

<label>Password:</label>

<input type="password" ng-model="credentials.password" required>

<button type="submit">Login</button>

</form>

<p>Don't have an account? <a href="#!/register">Register here</a></p>

1. **Register.html**

<h3>Register</h3>

<form ng-submit="register()">

<label>First Name:</label>

<input type="text" ng-model="user.firstName" required>

<label>Last Name:</label>

<input type="text" ng-model="user.lastName" required>

<label>Username:</label>

<input type="text" ng-model="user.username" required>

<label>Password:</label>

<input type="password" ng-model="user.password" required>

<button type="submit">Register</button>

</form>

<p>Already have an account? <a href="#!/login">Login here</a></p>

1. **App.js**

var app = angular.module('authApp', ['ngRoute']);

app.config(function($routeProvider) {

$routeProvider

.when('/register', {

templateUrl: 'register.html',

controller: 'RegisterController'

})

.when('/login', {

templateUrl: 'login.html',

controller: 'LoginController'

})

.otherwise({

redirectTo: '/register'

});

});

app.factory('AuthService', function() {

var user = {};

return {

register: function(newUser) {

user = newUser;

},

login: function(credentials) {

return user.username === credentials.username && user.password === credentials.password;

},

getUser: function() {

return user;

}

};

});

1. **Controllers.js**

app.controller('RegisterController', function($scope, $location, AuthService) {

$scope.user = {};

$scope.register = function() {

if ($scope.user.firstName && $scope.user.lastName && $scope.user.username && $scope.user.password) {

AuthService.register($scope.user);

alert("Registration successful!");

$location.path('/login');

} else {

alert("Please fill out all fields.");

}

};

});

app.controller('LoginController', function($scope, AuthService) {

$scope.credentials = {};

$scope.login = function() {

if (AuthService.login($scope.credentials)) {

var user = AuthService.getUser();

alert("Welcome, " + user.firstName + "!");

} else {

alert("Invalid username or password.");

}

};

});

**Output:**

**A screenshot of a computer

AI-generated content may be incorrect.A screenshot of a computer

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