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Description:

The following program is a login form that requires the user to enter in a username and password, which must be validated, in order to reach a new page. The test username and password is hardset to be “admin” and “admin”. The code was written using plunkr angularjs editor.

SOURCE CODE:

Index.html

<!DOCTYPE html>

<html ng-app="myApp" ng-controller="MainCtrl">

<head>

<link rel="stylesheet" href="style.css">

<script src="https://ajax.googleapis.com/ajax/libs/angularjs/1.6.10/angular.min.js"></script>

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

</head>

<body ng-controller="MainCtrl">

<h1>Login Page</h1>

<!--form for user and pass-->

<form name="myForm" novalidate>

<p>User name:<br>

<input type="text" name="username" placeholder="admin" ng-model="username" required>

<!-- show, in red only when firstname input has been modified and invalid-->

<span style="color:red" ng-show="myForm.username.$dirty && myForm.username.$invalid">

<span ng-show="myForm.username.$error.required">user name is required.</span>

</span>

</p>

<h2>{{username}}</h2>

<p>Password:<br>

<input type="password" name="password" placeholder="admin" ng-model="password" required>

<!-- show, in red only when firstname input has been modified and invalid-->

<span style="color:red" ng-show="myForm.password.$dirty && myForm.password.$invalid">

<span ng-show="myForm.password.$error.required">password is required.</span>

</span>

</p>

<button type="submit" ng-click="login()">login</button><br><br><!--login2(username)-->

<button type="submit" ng-click="submit()">Sign up</button>

</form><br>

</body>

</html>

Loggedin.html

<!DOCTYPE html>

<html ng-app="myApp" ng-controller="MainCtrl">

<head>

<link rel="stylesheet" href="style.css">

<script src="https://ajax.googleapis.com/ajax/libs/angularjs/1.6.10/angular.min.js"></script>

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

</head>

<body ng-controller="MainCtrl">

<h1>You have logged in ... new page!</h1>

<button type="submit" ng-click="back()">Go Back</button>

</body>

</html>

Script.js

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

app.controller('MainCtrl', function

($scope) {

$scope.myusers = [

{username:'user1', password:'123123'},

{username:'user2', password:'123234'},

{username:'admin', password:'admin'}];

$scope.submit = function(){

if($scope.username && $scope.password){

var user = $scope.username;

var pass = $scope.password;

alert("Welcome new user: " + user);

$scope.myusers.push({

username: user,

password: pass

});

} else {

alert("Invalid Login");

}

};

$scope.login = function(){

if($scope.username == "admin" && $scope.password == "admin")

{

window.location = "loggedin.html";

}

else {

alert("The information entered is not correct");

}

};

$scope.back = function(){

window.location = "index.html";

};

});

Style.css

/\* changes colors of input fields depending on current state \*/

input.ng-invalid {

background-color: pink;

}

input.ng-valid {

background-color: lightgreen;

}

input.ng-pristine {

background-color: white;

}