

Current User Service.js

```
(
function () {
    var CurrentUserFactoryModule = angular.module("CurrentUserFactoryModule", []);
    angular.module("CurrentUserFactoryModule").factory("CurrentUser", CurrentUser);
    function CurrentUser() {
        var profile = {
            isLoggedIn: false,
            username: "",
            token: ""
        };
        var setProfile = function (username, token) {
            profile.username = username;
            profile.token = token;
            profile.isLoggedIn = true;
        };

        var getProfile = function () {
            return profile;
        }

        return {
            setProfile: setProfile,
            getProfile: getProfile
        }
    }
}
})();
```

This Service is required to set and get Loggedin User

ServiceModule.js

```
var factoryModule = angular.module("factoryModule", ["ngResource",
"CurrentUserFactoryModule"]);

angular.module("factoryModule").factory("factoryService", ["$resource", "CurrentUser",
function ($resource, CurrentUser) {
    var baseaddress = "http://localhost:52768/";

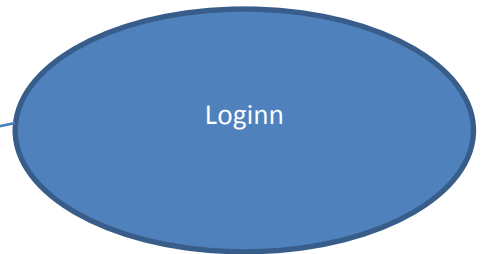
    var bh = this;
    bh.getToken = function () {
        var hj = CurrentUser.getProfile().token;
        return hj;
    }
    return $resource(baseaddress + "api/Test/:id", null,
    {
        'get': { headers: { "Authorization": "bearer" + bh.getToken() } },
        'create': { method: "POST", headers: { 'Authorization':
CurrentUser.getProfile().token } },
        'update': { method: "PUT", headers: { 'Authorization':
CurrentUser.getProfile().token } }
    });
}]);

angular.module("factoryModule").factory("UserService", ["$resource", "CurrentUser",
funcUserService]);
```

Addheaders to request

```
function funcUserService($resource, CurrentUser) {
    var baseaddress = "http://localhost:52768/";

    return $resource(baseaddress + "api/values/LoggIn", null,
    {
        'Loginn': { method: "POST" },
        'Logout': { method: "GET", headers: { 'Authorization':
CurrentUser.getProfile().token } }
    });
}
}
```



In App.js

```
(
function () {
    var app = angular.module("MyApp", ["ui.router", "factoryModule"]);
    app.config(function ($stateProvider, $urlRouterProvider) {
        //
        // For any unmatched url, redirect to /state1
        $urlRouterProvider.otherwise("/");
        //
        // Now set up the states
        $stateProvider
            .state('home', {
                url: "/",
                templateUrl: "../PartialView/Home.html"
            });

        $stateProvider
            .state('productList', {
                url: "/productList",
                templateUrl: "../PartialView/ productList.html",
                controller: "Myctrl"
            });
    });
})();
)
```

In ProductCtrl.js

```
angular.module("MyApp").controller("Myctrl", ["$http", "$scope", "CurrentUser",
"UserService", function ($http, $scope, CurrentUser, UserService) {
    $scope.name = "pinaki";
    $scope.GetAll = function () {
        factoryService.query(
            function (data) {
                alert(data);
            }, function (data, response) {
                alert(response);
            });
    }

    $scope.Post = function () {
        alert(vm.Student);
        factoryService.create(vm.Student, function (data) { alert("qwr") });
    }
});
```



```

    }

    $scope.User = {};
    $scope.Get = function () {

        $http({
            method: 'GET',
            url: 'http://localhost:52768/api/values/GetData/1',
            params: { id: 3 },
            headers: { 'Authorization': CurrentUser.getProfile().username + ":" +
CurrentUser.getProfile().token }
        }).success(function (data) {
            $scope.name1 = data;
        }).error(function () {
            alert("error");
        });
    }

    $scope.Loginn = function ()
    {
        UserService.Loginn($scope.User,
function (data, response) {
    var dataSting = data.toString();
    var arrey = dataSting.split(':');
    $scope.UserId = data.UserId;
    $scope.token = data.UToken;
    CurrentUser.setProfile($scope.UserId, $scope.token);

});

    }

    ]]);

```

We can add Headers
to specific request

In Index.html

```

<!DOCTYPE html>
<html xmlns="http://www.w3.org/1999/xhtml">
<head>
    <title></title>
    <link href="Content/bootstrap.css" rel="stylesheet" />
    <script src="Scripts/jquery-1.9.1.js"></script>
    <script src="Scripts/angular.js"></script>
    <script src="Scripts/angular-ui-router.js"></script>
    <script src="Scripts/angular-resource.js"></script>
    <script src="App/Services/CurrentUserFactoryModule.js"></script>
    <script src="App/Services/ServiceModule.js"></script>
    <script src="App/app.js"></script>
    <script src="Scripts/bootstrap.js"></script>
    <script src="App/Controller/Productctrl.js"></script>
</head>

<body ng-app="MyApp">

    <!-- We'll also add some navigation: -->
    <a ui-sref="home">MyHome</a>
    <br />

```

State Name

```

<a ui-sref="productList">PriductList</a>

<div ui-view></div>
</body>
</html>

```

In productList.html

```

<div>
  <h1>PrudtList</h1>
  <h1>{{name}}</h1>
  <h1>{{name1}}</h1>
  <input type="button" value="Getdata" ng-click="Get()" />
  <input type="text" ng-model="User.userId" />
  <input type="text" ng-model="User.Password" />
  <input type="button" value="Loginn" ng-click="Loginn()" />
</div>

```

In Home.html

```
<h1>My Home</h1>
```

In Global.asax

```

namespace angularinapi
{
    public class WebApiApplication : System.Web.HttpApplication
    {
        public static List<UserInfo> UserList = new List<UserInfo>();
        protected void Application_Start()
        {
            UserInfo ob = new UserInfo();
            ob.userId = "Pinaki";
            ob.Password = "1234";
            UserList.Add(ob);

            AreaRegistration.RegisterAllAreas();
            GlobalConfiguration.Configure(WebApiConfig.Register);
            FilterConfig.RegisterGlobalFilters(GlobalFilters.Filters);
            RouteConfig.RegisterRoutes(RouteTable.Routes);
            BundleConfig.RegisterBundles(BundleTable.Bundles);
        }
    }
}

```

Get the User
Name and
Password from
database and
place in a list

In CustomSecurityFilter.cs

```

namespace angularinapi.ActionFilter
{
    public class SecurityFilter : ActionFilterAttribute

```

Custom Action
Filter in Web api

```

{
    ValuesController jkl = new ValuesController();
    public override void
OnActionExecuting(System.Web.Http.Controllers.HttpActionContext actionContext)
    {
        try
        {
            var req = actionContext.Request.Headers.GetValues("Authorization");
            var id = req.FirstOrDefault();
            string[] tokens = id.Split(':');

            string token = "ert";
            if (token != tokens[1])
            {
                actionContext.Response = new
HttpResponseMessage(System.Net.HttpStatusCode.Forbidden);
            }
        }
        catch
        {
            actionContext.Response = new
HttpResponseMessage(System.Net.HttpStatusCode.Forbidden);
        }
        base.OnActionExecuting(actionContext);
    }
}

```

Get The Header
from thr Request

In ValueApiController.cs

```

[SecurityFilter]
[HttpGet]
public string GetData(string id)
{
    return "Test Data";
}
[HttpPost]
public IHttpActionResult Loggin(UserInfo obl)
{
    UserInfo parm = obl;
    var found = WebApiApplication.UserList.Where(x => x.uerId ==parm.uerId &&
x.Password == parm.Password).FirstOrDefault();
    if (found!=null)
    {
        Guid hj = Guid.NewGuid();
        Token ob = new Token();
        ob.UserId = parm.uerId;
        ob.UToken = hj;
        TokenList.Add(ob);

        return Ok(ob);
    }
    else
    {
        return Ok("Please Login");
    }
}

```

Add Custom Filter to
Methode in Api
controller

Log inn Logic