Factory to store AngularJs Authorization with Ui router LoggedinUser Info Aunthetication ☐ authorizationFactory.js ← ☐ CurrentUserFactory.js ← Our Authorization Content Logic bootstrap-theme.css bootstrap-theme.css.map bootstrap-theme.min.css bootstrap-theme.min.css.map bootstrap.css bootstrap.css.map bootstrap.min.css bootstrap.min.css.map ui-bootstrap-csp.css Controller PrivateCtrl.js fonts PartialView AccessDenied.html Home.html Loginn.html private.html scripts === 🔲 app.js 💶 app2.js Index.html ☐ MyCtrl.js packages.config

▶ ₩ Web.config

```
In app2.js
function () {
    var app = angular.module('demo', ['ui.router', 'CurrentUserFactoryModule']);
    app.config(function ($stateProvider, $urlRouterProvider) {
        $urlRouterProvider.otherwise("/");
        $stateProvider
        .state('home', {
            url: "/",
            templateUrl: "PartialView/Home.html",
        });
        $stateProvider
        .state('AccessDenied', {
            url: "/AccessDenied",
            templateUrl: "PartialView/AccessDenied.html",
        });
        $stateProvider
        .state('signInn', {
            url: "/signInn",
            templateUrl: "PartialView/Loginn.html"
                                                                           The private
        });
                                                                              page
        $stateProvider
                                                                           requires a
        .state('private', {
                                                                            specific
            url: "/private'
                                                                              role
            templateUrl: "PartialView/private.html",
            data: {
                roles: ['Admin']
            },
            controller: "PrivateCtrl",
            resolve: {
                authorize: <[ 'authorization'
                                                                              Use resolve to
                  function (authorization) {
                       return authorization.authorize();
                                                                                   call
                  }
                                                                              authorization
                ]
                                                                                 factory
            }
        });
    });
    app.run(['$rootScope', '$state', '$stateParams',
    function ($rootScope, $state, $stateParams) {
        $rootScope.$on('$stateChangeStart', function (event, toState, toStateParams) {
            $rootScope.toState = toState;
            $rootScope.toStateParams = toStateParams;
        });
    ]);
}(
                                                                      Need to call on each
                                                                       state change event
))
```

```
angular.module('demo').controller('HomeCtrl', ['$scope', '$state','CurrentUser',
    function ($scope, $state, CurrentUser) {
        $scope.User = {};
        $scope.signout = function () {
                                                                     Set The current
            principal.authenticate(null);
            $state.go('signin');
        $scope.Loginn=function()
            CurrentUser.setProfile($scope.User.UserId, $scope.User.Password, 'admin')
        }
    }
])
In PrivateCtrl.js
angular.module('demo').controller('PrivateCtrl', ['$scope', '$state', 'CurrentUser',
'authorize',
    function ($scope, $state, CurrentUser, authorize) {
        if(!authorize.IsloggedIn)
        {
            $state.go("signInn");
            return;
        }
                                                                        Check the Resolve
        if (!authorize.role) {
                                                                          Object here
            $state.go("AccessDenied");
        }
    }
])
```

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

```
In authorizationFactory.js
angular.module('demo').factory('authorization', ['$rootScope', '$state',
'CurrentUser',
  function ($rootScope, $state, CurrentUser) {
      return {
          authorize: function () {
                                                                               Get the Current
              var isAuthenticated = CurrentUser.getProfile(); <</pre>
                                                                                  user Info
              var Loginstatus = {};
              if (isAuthenticated.username=="")
                  Loginstatus.IsloggedIn = false;
                  return Loginstatus;
              else {
                  Loginstatus.IsloggedIn = true;
                  if ($rootScope.toState.data.roles &&
$rootScope.toState.data.roles.length > 0) {
                       for(var i=0;i<$rootScope.toState.data.roles.length ;i++)</pre>
                           if ($rootScope.toState.data.roles[i] ==
isAuthenticated.Role)
                           {
                               Loginstatus.role = true;
                           }
                                                                            Our Authorizarion
                          else
                          {
                                                                                  Logic
                               Loginstatus.role = false;
                       }
                  }
                  return Loginstatus;
              }
          }
      };
 }
])
```

```
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/angular.js"></script>
   <script src="scripts/angular-ui/ui-bootstrap-tpls.js"></script>
   <script src="scripts/angular-ui-router.js"></script>
   <script src="Aunthetication/CurrentUserFactory.js"></script>
   <script src="app2.js"></script>
   <script src="Aunthetication/authorizationFactory.js"></script>
   <script src="Controller/PrivateCtrl.js"></script>
   <script src="MyCtrl.js"></script>
</head>
<body ng-app="demo" ng-controller="HomeCtrl">
   <a ui-sref="home">Home</a>
      <a ui-sref="signInn">Loginn</a>
      <a ui-sref="private">Restricated</a>
   <h1>Welcome</h1>
   <div data-ui-view></div>
</body>
</html>
```