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| Performance Hub |
| Technology Stack POC |
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| **3/20/2012** |

# POC objectives

## Site objectives:

Client side requested behavior

1. Browsers and resolutions
   1. Browsers IE8+, FF3.6+, Chrome, Opera, Safari
   2. Desktop/Mobile views
   3. Changing resolution correct behavior
2. Authentication/Authorization
   1. Authentication process
   2. The same page will show the different view for the authenticated user vs. the guest user
   3. Part of the page will be disabled for the user with the certain role
   4. If the entire page is disabled for the certain role, user will be redirected to the landing page
3. Localization
   1. User will able to set the preferred language
   2. All labels will be changed according to the user's selection
   3. Left to Right/Right to Left behavior
4. URL Navigation
   1. If an unauthenticated user navigates to the page restricted to authenticated users only, he/she will be redirected to the login page, and after authentication user will be redirected to the requested page
   2. Ajax requests will change the browser's history and back button will work properly
5. Data loading
   1. Preloaded data support
   2. Pagination support
   3. Streaming data support
6. Exceptions
   1. Global exception behavior
   2. Server-side specific exception presentation
   3. Reporting of client-side exceptions to the server
7. Testable
   1. Unit tests
   2. Integration tests

Server side requested behavior

1. Protocols
   1. Rest API
   2. JSON
2. Data updates
   1. Data validation
   2. Exceptions propagation to the client
   3. Simultaneous entity updates by different clients

## CMS objectives:

1. Fit site's requirements
2. Customizable (easy to change/replace any module)
3. Full – multiple ready-to-use modules

## IDE objectives:

1. Code highlighting
2. Syntax validation
3. Easy to debug/remote debug
4. Unit tests support
5. Familiar

## Continuous Deployment:

1. Continuous Integration
2. Continuous Deployment