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[MAXIMUS logo](https://www.maximus.com/)

Detail Design: CCO eCoaching Admin\_ Common

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Prepared by: Lili Huang Date: 11/28/2016

Department: FCD

Change History Log

| Date | Change Description | Author |
| --- | --- | --- |
| 11/28/2016 | Initial Revision | Lili Huang |
| 03/07/2017 | TFS 5694 – Delete employee logs  Updated:  2.1.3. Links to other modules  7.1. IDashboardRepository.cs  7.2. IEmployeeLogRepository.cs  8.1. IDashboardService.cs  8.3 IEmployeeLogService.cs | Lili Huang |
| 03/16/2017 | TFS 5904 – Create infrastructure within eCL Admin Tool to allow for reporting;  TFS 5908 – Create Summary eCoaching Reports. | Lili Huang |
| 04/1/4/2017 | TFS 6167 – Initial reporting for eCL | Lili Huang |
| 09/04/2018 | TFS 11984 – Include a link to eCL share point site to report issues | Lili Huang |
| 07/24/2020 | TFS 17803 – GDIT to MAXIMS | Lili Huang |
| 07/28/2020 | TFS 17811 – Remove dashboard page;  Updated 2.1.3 Links to other modules;  Removed dashboard repository in section 7 Repository;  Removed dashboard service in section 8 Service. | Lili Huang |
| 10/13/2022 | TFS 25464 – Update Help link | Lili Huang |
| 02/13/2024 | TFS 27695– Subcontractor  **Updated:**  2.1.2 Screenshot  2.1.3 Links to other modules  **Added:**  2.1.4 Authorization | Lili Huang |
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1. **Description**

This document covers the common code used by all of the ECL Admin UI modules.

The common code consists of the following:

Views\

* Index.cshtml
* \_Layout.cshtml
* SessionExpire.cshtml

Controller\

* BaseController.cs
* ErrorController.cs
* HomeController.cs
* UnauthorizedController.cs

Extensions\

* EclExtendedMethods.cs
* EclHtmlHelper.cs
* EnumExtensions.cs

Filters\

* EclAuthorizeAttribute.cs
* EclExceptionAttribute.cs
* SessionCheckAttribute.cs

Utilities\

* EclAdminUtil.cs
* EmailUtil.cs
* FileUtil.cs

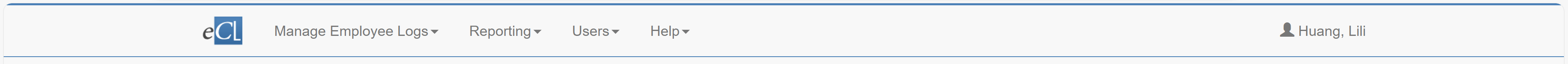
Repository\

* IDashboardRepository.cs
* IEmployeeLogRepository.cs
* IEmployeeRepository.cs
* IUserRepository.cs

Services\

* IDashboardService.cs
* IEmailService.cs
* IEmployeeLogService.cs
* IEmployeeService.cs
* IUserService.cs

1. **Views**
   1. Home page (Views\Share\Index.cshtm)
      1. Layout page (Views\Share\\_Layout.cshtml)
      2. Screenshot



* + 1. Links to other modules

|  |  |
| --- | --- |
| **Link** | **Destination** |
| Manage Employee Logs |  Inactivate Employee Logs  Reassign Employee Logs  Reactivate Employee Logs  Delete Employee Logs | Views\EmployeeLogs\SearchForInactivate.cshtml Views\EmployeeLogs\SearchForReassign.cshtml Views\EmployeeLogs\SearchForReactivate.cshtml Views\EmployeeLogs\SearchForDelete.cshtml |
| Reporting |  Coaching Log Summary  Quality Now Coaching Log Summary  Warning Log Summary  Hierarchy Summary  Admin Activity Summary  Feed Load History | Views\ReportCoaching\Index.cshtml  Views\ReportCoachingQn\Index.cshtml  Views\ReportWarning\Index.cshtml  Views\ReportEmployeeHierarchy\Index.cshtml  Views\ReportAdminActivity\Index.cshtml  Views\ReportFeedLoadHistory |
| Users | Manage users regarding eCL access control |
| Help | Submit a Ticket | https://itservicedesk.maximus.com/CherwellPortal/IT?\_=43e741d7#0 |

* + 1. Authorization

|  |  |
| --- | --- |
| **Link** | **Authorization** |
| Manage Employee Logs | |
| Inactivate Employee Logs | **RoleId Role**  101 CoachingAdmin  102 CoachingUser  103 WarningAdmin  120 SubAdmin |
| Reactivate Employee Logs | **RoleId Role**  101 CoachingAdmin  102 CoachingUser  103 WarningAdmin  120 SubAdmin |
| Reassign Employee Logs | **RoleId Role**  101 CoachingAdmin  102 CoachingUser  120 SubAdmin |
| Delete Employee Logs | **RoleId Role**  118 SuperUser |
| Reporting | |
| Coaching Log Summary | **CSR:**   * ELS CSR Supervisors (WACS40 with role *ReportCoachingCSRUser 108*) – its own site only * CSR Managers (WACS50 with role *ReportCoachingCSRUser 108*) – its own site only * Designated users with role *ReportCoachingAdmin 106* – all CCO sites   **SUPERVISOR, QUALITY, LSA, and TRAINING:**   * Designated users with role *ReportCoachingAdmin* *106* – all CCO sites |
| Quality Now Coaching Log Summary | Designated users with role *ReportCoachingAdmin 106* – all CCO sites |
| Warning Log Summary | **CSR:**   * ELS CSR Supervisors (WACS40 with role *ReportWarningCSRUser 109*) – its own site only * CSR Managers (WACS50 with role *ReportWarningCSRUser 109*) – its own site only * Designated users with role *ReportWarningAdmin 107* – all CCO sites   **SUPERVISOR, QUALITY, LSA, and TRAINING:**  Designated users with role *ReportWarningAdmin* *107* – all CCO sites |
| Hierarchy Summary | Designated users with role *ReportCoachingAdmin* *106* – all CCO sites |
| Admin Activity Summary | Designated users with role *ReportCoachingAdmin* *106* – all CCO sites |
| Feed Load History | **RoleId Role**  106 ReportCoachingAdmin  107 ReportWarningAdmin  108 ReportCoachingCSRUser  109 ReportWarningCSRUser  110 ReportCoachingSupUser  111 ReportWarningSupUser  112 ReportCoachingQualUser  113 ReportWarningQualUser  114 ReportCoachingLSAUser  115 ReportWarningLSAUser  116 ReportCoachingTrainUser  117 ReportWarningTrainUser |
| Users | |
| eCoaching ACL | **RoleId Role**  101 CoachingAdmin  103 WarningAdmin  119 ACLAdmin |

1. **Controllers**
   1. BaseController.cs
      1. OnException

Use log4net to log any exceptions thrown in all controllers.

Display Error page.

* + 1. GetUserFromSession

Return the user object stored in session.

* + 1. IsAccessAllowed

Check if the user has access to a given function by calling UserService.UserIsEntitled (user, entitlement).

* 1. ErrorController.cs
     1. Index – Http Get

Display Error page.

* 1. HomeController.cs
     1. Index – Http Get

Get the user LAN ID for the current HTTP request.

Get the user object by calling UserService.GetUserByLanId(userLanId).

If it returns null

Redirect the user to the unauthorized page.

Else

Store the user object returned in Session.

Display the main menu page.

* 1. UnauthorizedController.cs
     1. Index – Http Get

Abandon session and display unauthorized page.

* 1. HelpController.cs
     1. SubmitTicket – Http Get

Redirect to https://itservicedesk.maximus.com/CherwellPortal/IT?\_=43e741d7#0 in a separate browser tab.

1. **Extensions**
   1. EclExtendedMethods.cs
      1. IsEntitled

Check if the user is authorized to perform a given action by calling UserService.UserIsEntitled(user, entitlementName).

* + 1. ShowPreviousStatus

Check if it displays logs’ previous status for a given action.

* 1. EclHtmlHelper.cs
  2. EclExtendedMethods.cs
     1. ToDescription

Return enum description for a given value.

1. **Filters**
   1. EclAuthorizeAttribute.cs
      1. OnAuthorization

Called upon requesting authorization. Check if the user is allowed to perform a given action.

1. **Utilities**
   1. EclAdminUtil.cs
      1. BuildLogStatusNamesDictionary

Return a dictionary with keys as log status id and values as a list of log name for a given list of logs.

* + 1. GetLogTypeNameById

Return the log type name for a given log type id.

* 1. EmailUtil.cs
     1. GetTemplateFileName

Return email template file name for a given email type.

* + 1. GetSubject

Return email subject text for a given email type.

* + 1. GetEmailTo

Return email address for a given module id and log status id.

1. **Repository**
   1. IEmployeeLogRepository.cs
      1. GetModules

Return a list of modules for a given user and log type by calling stored procedure sp\_AT\_Select\_Modules\_By\_LanID.

* + 1. GetLogsByEmpIdAndAction

Return a list of employee log objects for a given module, log type, employee, and action by calling stored procedure sp\_AT\_Select\_Logs\_Inactivation\_Reactivation.

* + 1. GetPendingLogsByReviewerEmpId

Return a list of employee log objects for a given module, status, and reviewer employee id by calling stored procedure sp\_AT\_Select\_Logs\_Reassign.

* + 1. GetPendingStatuses

Return a list of pending status for a given module by calling stored procedure sp\_AT\_Select\_Status\_By\_Module.

* + 1. GetReasons

Return a list of Reason objects for a given log type and action to perform by calling stored procedure sp\_AT\_Select\_Action\_Reasons.

* + 1. ProcessActivation

Inactivate or activate a given a list of logs for a given user, action to perform, log type, reason to inactivate or activate, reason text, and comment by calling stored procedure sp\_AT\_Coaching\_Inactivation\_Reactivation for log type Coaching or sp\_AT\_Warning\_Inactivation\_Reactivation for log type Warning.

* + 1. ProcessReassignment

Re-assign a given a list of logs for a given user to another reviewer by calling stored procedure sp\_AT\_Coaching\_Reassignment passing in userLanId, a list of log ids to be reassigned, reviewer employee id to be reassigned to, re-assign reason id, re-assign reason text, and re-assign comment text.

* + 1. GetCoachingDetail

Return CoachingLogDetail object for a given log id by calling stored procedure sp\_SelectFrom\_SRMGR\_Review.

* + 1. GetWarningDetail

Return WarningLogDetail object for a given log id by calling stored procedure sp\_SelectFrom\_SRMGR\_Review.

* + 1. Delete

Delete a log for a given log id and log type.

Return true if success; false otherwise.

* 1. IEmployeeRepository.cs
     1. GetEmployees

Return a list of Employee objects for a given user, log type, module, and action to perform by calling stored procedure sp\_AT\_Select\_Employee\_Inactivation\_Reactivation.

* + 1. GetPendingReviewers

Return a list of pending reviewers (Employee objects) for a given user, module, and log status by calling stored procedure sp\_AT\_Select\_ReassignFrom\_Users.

* + 1. GetAssignToList

Return a list of Employee objects to assign to for a given user, module, log status, and current reviewer by calling stored procedure sp\_AT\_Select\_ReassignTo\_Users.

* 1. IUserRepository.cs
     1. GetUserByLanId

Return a User object for a given user lan id.

* + 1. GetEntitlementByUserLanId

Return a list of Entitlement objects for a given user by calling stored procedure sp\_AT\_Check\_Entitlements.

1. **Service**
   1. IEmailService.cs
      1. Send

Send email.

* 1. IEmployeeLogService.cs
     1. GetModules

Return a list of modules for a given user and log type by calling EmployeeLogRepository.GetModules.

* + 1. GetTypes

Return a list of log types for a given user and action the user to perform.

* + 1. GetLogsByEmpIdAndAction

Return a list of employee log objects for a given module, log type, employee, and action by calling EmployeeLogRepository.GetLogsByEmpIdAndAction.

* + 1. GetPendingLogsByReviewerEmpId

Return a list of employee log objects for a given module, status, and reviewer employee id by calling EmployeeLogRepository.GetPendingLogsByReviewerEmpId.

* + 1. GetPendingStatuses

Return a list of pending status for a given module by calling EmployeeLogRepository.GetPendingStatuses.

* + 1. GetReasons

Return a list of Reason objects for a given log type and action to perform by calling EmployeeLogRepository.GetReasons.

* + 1. ProcessActivation

Inactivate or activate a given a list of logs for a given user, action to perform, log type, reason to inactivate or activate, reason text, and comment by calling EmployeeLogRepository.ProcessActivation.

Return true if successful, false otherwise.

* + 1. ProcessReassignment

Re-assign a given a list of logs for a given user to another reviewer by calling EmployeeLogRepository.ProcessReassignment passing in userLanId, a list of log ids to be reassigned, reviewer employee id to be reassigned to, re-assign reason id, re-assign reason text, and re-assign comment text.

Return true if successful, false otherwise.

* + 1. GetLogDetail

Return log detail object for a given log id and log type by calling EmployeeLogRepository.GetCoachingDetail or by calling EmployeeLogRepository.GetWarningDetail.

* + 1. GetLogsByLogName

Return a list of logs for a given log name by calling EmployeeRepository.GetLogsByLogname.

* + 1. Delete

Delete a log for a given log id and log type by calling EmployeeRepository.Delete.

* 1. IEmployeeService.cs
     1. GetEmployees

Return a list of Employee objects for a given user, log type, module, and action to perform by calling EmployeeRepository.GetEmployees.

* + 1. GetPendingReviewers

Return a list of pending reviewers (Employee objects) for a given user, module, and log status by calling EmployeeRepository.GetPendingReviewers.

* + 1. GetAssignToList

Return a list of Employee objects to assign to for a given user, module, log status, and current reviewer by calling EmployeeRepository.GetAssignToList.

* 1. IUserService.cs
     1. GetUserByLanId

Return a User object for a given user lan id by calling UserRepository.GetUserByLanId.

* + 1. UserIsEntitled

Return a User object for a given user lan id by calling UserRepository.GetUserByLanId.