**Audit Viewer Technical Document**

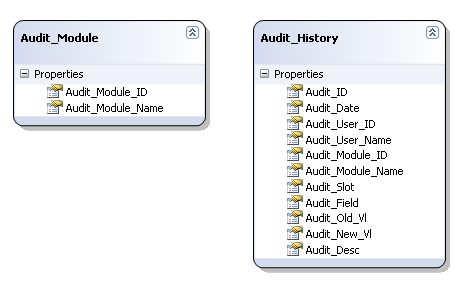
**Objective:**

To build a component, which will track record/field changes and records the same in the database for Auditing.

**Prerequisites:**

|  |  |  |
| --- | --- | --- |
| **Database** | **Tables** | **Stored Procedures** |
| Exchange | Audit\_History  Audit\_Modules | usp\_InsertAuditData |

**Class Structure:**

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**Source Code Path:**

\starteam\projects\Bally MultiConnect\BMC 11.5\Coding\Source\Site Controller\AuditViewer\ AuditViewer.sln

**How to Consume:**

Add reference to Audit.Business.dll and Audit.Transport.dll

**Add Namespace in code:**

using Audit.BusinessClasses;

using Audit.Transport;

**Code for Encryption:**

//Calling Audit Method

Audit\_History AH = new Audit\_History();

//Populate required Values

AH.Audit\_Module\_ID = (int)ModuleID.Enrollment; //enum available in Audit.Transport

AH.Audit\_Module\_Name = ModuleName.Enrollment.ToString(); //enum available in Audit.Transport

AH.Audit\_Screen\_Name = "Enrollment|MachineInstallation";

AH.Audit\_Desc = "Machine Installed";

AH.Audit\_Operation\_Type = OperationType.ADD.ToString();

AH.Audit\_Field = "Position";

AH.Audit\_New\_Vl = objPosDetails.Position; //object available from page

AH.Audit\_Slot = objPosDetails.AssetNo; //object available from page

AuditViewerBusiness AVB = new AuditViewerBusiness(oCommonUtilities.CreateInstance().GetConnectionString());

int nReturnValue;

nReturnValue = AVB.InsertAuditData(AH);

**Deliverables:**

* Audit.Business.dll
* Audit.Transport.dll
* Audit.DBBuilder.dll