



Manufacturing Innovation. **Together.**

```
Function SetupProjectAndTopAssembly() As Boolean
    ' This function checks to make sure a project doesn't already exist that the user is requesting
    ' It then sets up a folder structure, and does a "Save As" to create a new top-level assembly that will be used
    ' This first set of statements uses the Windows System object to create a folder structure for our files
    Dim blnSetupSucceeded As Boolean = True
    ' This statement first checks to see if the folder already exists
    ' If it does already exist, it won't bother creating the folder again
    If System.IO.Directory.Exists(PROJECT_PATH & PROJECT_ID) = False Then
        System.IO.Directory.CreateDirectory(PROJECT_PATH & PROJECT_ID)
        System.IO.Directory.CreateDirectory(PROJECT_PATH & PROJECT_ID & "\Tank Body Assy")
        System.IO.Directory.CreateDirectory(PROJECT_PATH & PROJECT_ID & "\Skid Assy")
        ' If user has configured a gunline, then create a folder to store its files
        If GUNLINE Then System.IO.Directory.CreateDirectory(PROJECT_PATH & PROJECT_ID & "\Gunline Assy")
        ' If a user have configured a sump, then create a folder to store its files
        If SUMP Then System.IO.Directory.CreateDirectory(PROJECT_PATH & PROJECT_ID & "\Sump Assy")
    End If

    ' Now that we have our folder structure in place, we are ready to save the Master Assembly file
    ' It uses the path stored in the PROJECT_PATH parameter, and the PROJECT_ID to give the assembly a unique name
    Dim sMasterAssy As String
    sMasterAssy = PROJECT_PATH & PROJECT_ID & "\Tank Assembly - " & PROJECT_ID & ".iam"
    ' We first check to make sure the master assembly file doesn't already exist, then save it if it doesn't
    If System.IO.File.Exists(sMasterAssy) = False Then
        ThisDoc.Document.SaveAs(sMasterAssy , False)
    Else
        MessageBox.Show("Assembly Already Exists", "Master")
        iLogicForm.Show("Configure Tank")
        blnSetupSucceeded = False
    End If
    ' Return whether or not we were successful creating the new folder structure and master assembly file
    SetupProjectAndTopAssembly = blnSetupSucceeded
End Function
```