This document outlines the available classes within the current version of the CAREWare 6 API. These classes all exist in the CWApi.vb file in the CW6ApiClient project of our sample application, which can be downloaded in the CW6APIDemo file here.

Classes:

ADAPEnrollment

This class provides methods for retrieving, adding, editing, and deleting ADAP Enrollment records.

Code Example for adding a record:

Dim useTLS as Boolean = False

Dim serverName as String = "localhost"

Dim providerName as String = "default"

Dim sess as New CWApiSession(useTLS, serverName)

CWApi.Session.Login(sess, "cwtemp", "TEMPCW100", providerName)

Dim emptyDoc as Dictionary(Of String, ezjson.JSONValue) = CWApi.ADAPEnrollment.emptyCertification(sess)

CWApi.Doc.SetRowValForColumn(emptyDoc, new ezjson.JSONValue(Date.Today),   "adp_en_hs_date")

CWApi.Doc.SetRowValForColumn(emptyDoc, new ezjson.JSONValue("01"), "adp_en_hs_adp_en_st_rfk")

Note: Assume that there is a variable named clientPK that is set to a client's primary key

CWApi.ADAPEnrollment.addCertification(sess, clientPK, emptyDoc)
CWApi.Session.Logout(sess)

AnnualScreening

This class provides methods for retrieving, adding, editing, and deleting Annual Screening records.

Code Example for adding a record:

Dim useTLS as Boolean = False

Dim serverName as String = "localhost"

Dim providerName as String = "default"

Dim sess as New CWApiSession(useTLS, serverName)

CWApi.Session.Login(sess, "cwtemp", "TEMPCW100", providerName)

Note: Assume that there is a variable named clientPK that is set to a client's primary key

CWApi.AnnualScreening.addScreening(sess, clientPK, Date.Today,

"3AF46192-E55B-435E-9FF6-65BF3380C3A5", "319523D8-0376-4B02-A57E-B893700B8808", "")CWApi.Session.Logout(sess)

CaseNotes

This class provides methods for retrieving, adding, editing, and deleting Case Notes.

Code Example for adding a record:

Dim useTLS as Boolean = False

Dim serverName as String = "localhost"

Dim providerName as String = "default"

Dim sess as New CWApiSession(useTLS, serverName)

CWApi.Session.Login(sess, "cwtemp", "TEMPCW100", providerName)

Note: Assume that there is a variable named clientPK that is set to a client's primary key

CWApi.CaseNotes.addCaseNote(sess, clientPK, Date.Today, "Test Case Note", "") CWApi.Session.Logout(sess)

Client

This class provides methods for finding, retrieving, adding, editing, and deleting client related records.

Code Example for adding a client and setting their client id:

Dim useTLS as Boolean = False

Dim serverName as String = "localhost"

Dim providerName as String = "default"

Dim sess as New CWApiSession(useTLS, serverName)

CWApi.Session.Login(sess, "cwtemp", "TEMPCW100", providerName)

Dim clientPK as String = Guid.NewGuid.ToString()

CWApi.Client.addClient(sess, clientPK, "Fake", "", "Client", "1", "8/29/2005")

CWApi.Client.saveClientPersonalInfo(sess, clientPK, "", "Fake", "", "Client", "1", "8/29/2005", False, "New Client ID", "", "1") CWApi.Session.Logout(sess)

CommonStorage

This class provides methods for managing common storage values.

Code Example for getting and updating the minimum password length:

Dim useTLS as Boolean = False

Dim serverName as String = "localhost"

Dim providerName as String = "default"

Dim sess as New CWApiSession(useTLS, serverName)

CWApi.Session.Login(sess, "cwtemp", "TEMPCW100", providerName)

Dim oldLength as Integer = CInt(CWApi.CommonStorage.getCommonStorageNumber(sess, "minimumPasswordLength")

CWApi.CommonStorage.setCommonStorageNumber(sess,

"minimumPasswordLength", 10) CWApi.Session.Logout(sess)

CustomFields

This class provides methods for managing custom fields and editing custom client tabs and custom subform records.

Code Example for adding a custom subform record to the default custom tab:

Dim useTLS as Boolean = False

Dim serverName as String = "localhost"

Dim providerName as String = "default"

Dim sess as New CWApiSession(useTLS, serverName)

CWApi.Session.Login(sess, "cwtemp", "TEMPCW100", providerName)

```
Dim emptyDoc as Dictionary(Of String, ezjson.JSONValue) =
CWApi.CustomFields.getEmptyCustomSubform(sess,
"86C5CF2D-4D65-4E6D-9854-1CA13A11E926")
CWApi.Doc.SetRowValForColumn(emptyDoc, new
ezjson.JSONValue(Date.Today), "cst_sb_date")
```

Note: Assume that there is a variable named clientPK that is set to a client's primary key.

```
CWApi.CustomFields.addCustomSubformRecord(sess, clientPK, emptyDoc)
CWApi.Session.Logout(sess)
```

CustReport

This class provides methods for managing and running custom reports.

Code Example for running a custom report:

Dim useTLS as Boolean = False

Dim serverName as String = "localhost"

Dim providerName as String = "default"

Dim sess as New CWApiSession(useTLS, serverName)

CWApi.Session.Login(sess, "cwtemp", "TEMPCW100", providerName)

-   getAReportKey is not a real function

Dim ReportPK As String = getAReportKey()

*Dim reportStream as CWApi.CWFileStream =
CWApi.CustReport.GerReportCSVStream (sess, ReportPK, Nothing,
Date.Today()) reportStream.saveToFile ("C:\Reports\MyReport.csv")
CWApi.Session.Logout(sess)*

CwFileStream

This class provides methods for downloading report outputs or uploading and downloading attachments.

Code Example for uploading and downloading an attachment:

Dim useTLS as Boolean = False

Dim serverName as String = "localhost"

```vb
Dim providerName as String = "default"

Dim sess as New CWApiSession(useTLS, serverName)

CWApi.Session.Login(sess, "cwtemp", "TEMPCW100", providerName)
```

- *getAContentType is a pseudo function.*
  ```vb
  Dim contentType as String = getAContentType()
  ```
- *gettAttachmentList is a pseudo function.*
  ```vb
  Dim attLsPK as string= getAttachmentList()
  ```

```vb
CW6HttpClient.CWApi.CustomFields.addAttachment(sess, clientPK, attLsPK,
contentType, "C:\Attachments\ProofOfIncome.pdf", "")
```

- *pickAnAttachment is a pseudo function*
```vb
Dim attachmentPK as string = pickAnAttachment()

Dim cwfs As Cw6HttpClient.CwApi.CwFileStream =

Cw6HttpClient.CwApi.CustomFields.getAttachmentFileStream
(sessionVariables.session Info,attachmentPK) Dim tempFolder As String =
IO.Path.Combine(AppDomain.CurrentDomain.BaseDirectory, "temp") If Not
IO.Directory.Exists(tempFolder) Then IO.Directory.CreateDirector (tempFolder)

End If

Dim fs As IO.FileStream

Try

DIm fileName as string = "ProofOfIncome.pdf",

fs = New IO.FileStream(IO.Path.Combine(tempFolder, fileName),
IO.FileMode.Create)

cwfs.CopyTo(fs)

Catch ex As Exception

Throw ex

Finally

cwfs.Flush()

cwfs.Close()
```

If Not

IsNothing(fs)

Then

fs.Flush()

fs.Close()

End If

End Try

- *Open the attachment*

Process.Start(IO.Path.Combine(tempFolder, fileName))
CWApi.Session.Logout(sess)

Eligibility

This class provides methods for viewing, adding, editing, and deleting eligibility records.

Code Example for adding an eligibility record:

Dim useTLS as Boolean = False

Dim serverName as String = "localhost"

Dim providerName as String = "default"

Dim sess as New CWApiSession(useTLS, serverName)

CWApi.Session.Login(sess, "cwtemp", "TEMPCW100", providerName)

- *pickAClient is a pseudo function*

Dim clientPK as String = pickAClient()

Dim EligibilityData As Dictionary(Of String, ezjson.JSONValue) =

Cw6HttpClient.CwApi.Eligibility.getEmptyEligibilityRecord(sessionVariables.sessionInfo)

CWApi.Doc.SetRowValForColumn(emptyDoc, new ezjson.JSONValue(Date.Today), "EligibilityDate")

CWApi.Doc.SetRowValForColumn(emptyDoc, new ezjson.JSONValue("1"), "elg_yes_no_rfk")
CWApi.Doc.SetRowValForColumn(emptyDoc, new ezjson.JSONValue("FFFFFFFF-0000-0000-0000-000000000002"), "elg_fnd_sr_fk") Cw6HttpClient.CwApi.Eligibility.addEligibilityRecord(sess, ClientPK, EligibilityData) CWApi.Session.Logout(sess)

InsuranceAssessment

This class provides methods for viewing, adding, editing, and deleting insurance assessment records.

Code Example for adding a record:

Dim useTLS as Boolean = False

Dim serverName as String = "localhost"

Dim providerName as String = "default"

Dim sess as New CWApiSession(useTLS, serverName)

CWApi.Session.Login(sess, "cwtemp", "TEMPCW100", providerName)

- *pickAClient is a pseudo function*

Dim clientPK as String = pickAClient()

- *Adds a Medicaid insurance record*

Cw6HttpClient.CwApi.InsuranceAssessment.addInsuranceAssessment(sess, ClientPK, Date.Today, "3", False, False, False, False, False, False, True, False, False, False, False, "", False) CWApi.Session.Logout(sess)

Lab

This class provides methods for viewing, adding, editing, and deleting lab records.

Code Example for adding a record:

Dim useTLS as Boolean = False

Dim serverName as String = "localhost"

Dim providerName as String = "default"

Dim sess as New CWApiSession(useTLS, serverName)

CWApi.Session.Login(sess, "cwtemp", "TEMPCW100", providerName)

- *pickAClient is a pseudo function*

Dim clientPK as String = pickAClient()

- *Adds a CD4 Count*

Cw6HttpClient.CwApi.Lab.addLab(sess, ClientPK, Date.Today,

"FFFFFFFF-0000-0000-0000-000000000001", "=", 200,"")
CWApi.Session.Logout(sess)

User

This class provides methods for managing user accounts.

Code Example for changing the current user's password:

Dim useTLS as Boolean = False

Dim serverName as String = "localhost"

Dim providerName as String = "default"

Dim sess as New CWApiSession(useTLS, serverName)

CWApi.Session.Login(sess, "cwtemp", "TEMPCW100", providerName)

Cw6HttpClient.CwApi.User.ChangeMyPassword(sess,"N3WPa$$w0rd")
CWApi.Session.Logout(sess)

Service

This class provides methods for viewing, adding, editing, and deleting service records.

Code Example for adding a record:

Dim useTLS as Boolean = False

Dim serverName as String = "localhost"

Dim providerName as String = "default"

Dim sess as New CWApiSession(useTLS, serverName)

CWApi.Session.Login(sess, "cwtemp", "TEMPCW100", providerName)

- *pickAClient is a pseudo function*

Dim clientPK as String = pickAClient()

- *pickAServiceType is a pseudo function*

Dim serviceType as String = pickAServiceType()

- *pickAContract is a pseudo function*

Dim contract as String = pickAContract()

- *Adds a CD4 Count*

Cw6HttpClient.CwApi.Service.addService(sess,ClientPK,Date.Today, serviceType, 1, 5, 5, contract) CWApi.Session.Logout(sess)

PovertyLevel

This class provides methods for viewing, adding, editing, and deleting poverty level records.

Code Example for adding a record:

Dim useTLS as Boolean = False

Dim serverName as String = "localhost"

Dim providerName as String = "default"

Dim sess as New CWApiSession(useTLS, serverName)

CWApi.Session.Login(sess, "cwtemp", "TEMPCW100", providerName)

- *pickAClient is a pseudo function*

Dim clientPK as String = pickAClient()

Cw6HttpClient.CwApi.Service.addService (sess, ClientPK, Date.Today, 25000, 1, 25000) CWApi.Session.Logout(sess)

Referral

This class provides methods for viewing, adding, editing, and deleting referral records.

Code Example for adding a record:

Dim useTLS as Boolean = False

Dim serverName as String = "localhost"

Dim providerName as String = "default"

Dim sess as New CWApiSession(useTLS, serverName)

CWApi.Session.Login(sess, "cwtemp", "TEMPCW100", providerName)

- *pickAClient is a pseudo function*

Dim clientPK as String = pickAClient()

- *pickAProvider is a pseudo function*

Dim referToProvider as String = pickAProvider()

- *pickAReferralClass is a pseudo function*

Dim referralClass As String = pickAReferralClass()

```
Cw6HttpClient.CwApi.Service.addReferral (sess,ClientPK,  Date.Today, "01,"1',
referToProvider, "", "", "001", date.MinValue, "", "", False, referralClass)
CWApi.Session.Logout(sess)
```

UserMessages

This class provides methods for sending user messages.

Code Example for sending a message:

Dim useTLS as Boolean = False

Dim serverName as String = "localhost"

Dim providerName as String = "default"

Dim sess as New CWApiSession(useTLS, serverName)

CWApi.Session.Login(sess, "cwtemp", "TEMPCW100", providerName)

- *pickAClient is a pseudo function*

Dim clientPK as String = pickAClient()

- *pickAUser is a pseudo function*

Dim sendToUser as String = pickAUser()

```
Cw6HttpClient.CwApi.Service.addReferral(sess,ClientPK,  "Test Message",
sendToUser) CWApi.Session.Logout(sess)
```