**Legacy Classs/Group Logical Data Model and Physical Database Diagram**

1. Class and Group Components

Class and Group both consist of Calendar, Announcement, Discussion and Resource components. Class has an extra component Homework Dropbox.



2. Logical Data Diagrams and Physical Database Diagrams of basic entities

2. 1 Site related entities



2.2 User

Database Diagram for User and related entities:





Note:

app\_feature\_cdt - featuer\_type\_cd for User Manage Site Privilege

user management privileges are stored in app\_feature\_acl

Class Profile Logical Data Diagram and Physical Database Diagram:

2.3

2.3.1 Class Profile logical class diagram:



2.3.2



Class Profile: Membership Database Diagram



2.4 Class Calendar

2.4.1 Class Calendar Logical Diagram:



2.4.2 Class Calendar physical database diagram:



2.5 Class Announcement

2.5.1 Class Announcement Logical Data Diagram



2.5.2 Class Announcement Physical Database Diagram:

2.6 Class Homework Dropbox:

2.6.1 Legacy Dropbox logical diagram:



Class Homeowork Dropbox Physical Database Diagram:



2.6 Class/Group Resources

2.6.1 Class/Group Resource logical class diagram:



2.6.2 Class/Group resource database diagram:



2.7 Class/Group Discussion:

2.7.1 Class/Group Discussion Logical Model



2.7.2 Class/Group discussion database diagram



3. Group

3.1 Group Profile

3.1.1 Group Profile Logical Diagram:



Group membership logical diagram:



Group Event Logical Diagram:



example

usp\_GetAnnouncement '{9AAEAFF9-94C0-4135-B628-5D7B8D69A110}',NULL,'C','04/03/2014 09:59:34'

Exec dbo.usp\_SetAnnouncement '{A2DEE870-53DB-401A-9873-7F77FED9C3C7}','''{5DF53CB5-12BF-435F-B141-5D15267AC7BD}'',''{9C96292B-B8B2-426D-8799-53C74418049D}''','{67D8F1BE-EE05-4D1C-9862-54AC59AA6126}','C','Test Class Announcement','/images/www/echalk/clipart/Cartoons/batman.gif:Left:75:','04/04/2014 17:47:06','04/11/2014 17:47:06',1,0 ping.hs@king.echalk.net eChalkuser 20688 99 2014-04-04 17:47:06.027

Class Group Membership:

Exec dbo.usp\_GetSubgroupMembersAndPrivileges

Exec dbo.usp\_UpdateSubgroupMembersAndPrivileges '{5DF53CB5-12BF-435F-B141-5D15267AC7BD}','{4641AC3C-79E1-43D2-B72B-29153E6EA2C0}|S|0|0|0|0|R|S||0|0|7||||{F8115852-488D-4ED3-A74D-3F0123278A3F}|C:{57B44E58-BB34-4BCE-A0BA-0EE85E26C0CF}|O|0|0|0|0|R|P||0|0|||||{5DF53CB5-12BF-435F-B141-5D15267AC7BD}|N:{67D8F1BE-EE05-4D1C-9862-54AC59AA6126}|T|1|0|0|0|U:{137ACA35-A610-46D5-8802-29F624C5F230}|O|0|0|0|0|U:{2982755D-DF7F-4900-902B-84EC94F8494A}|S|0|0|0|0|U','UPDATE'

Exec dbo.usp\_UpdateClassGrades '{5DF53CB5-12BF-435F-B141-5D15267AC7BD}',NULL,NULL,'update',1 ping.hs@king.echalk.net eChalkuser 141 31491 18 2041 16752 92 2014-04-03 17:20:17.063 2014-04-03 17:20:19.107

Exec dbo.usp\_UpdateSubgroupMembersAndPrivileges '{5DF53CB5-12BF-435F-B141-5D15267AC7BD}','{4641AC3C-79E1-43D2-B72B-29153E6EA2C0}|S|0|0|0|0|R|S||0|0|7||||{F8115852-488D-4ED3-A74D-3F0123278A3F}|C:{32237BA9-8631-4796-8E7D-A27E79A04896}|O|0|0|0|0|R|P||0|0|||||{5DF53CB5-12BF-435F-B141-5D15267AC7BD}|N:{67D8F1BE-EE05-4D1C-9862-54AC59AA6126}|T|1|0|0|0|U:{137ACA35-A610-46D5-8802-29F624C5F230}|O|0|0|0|0|U:{2982755D-DF7F-4900-902B-84EC94F8494A}|S|0|0|0|0|U','UPDATE'

Class Calendar Event:

event\_schedule - Custom Dates

Exec dbo.usp\_SetCalendarEvent NULL,'{9AAEAFF9-94C0-4135-B628-5D7B8D69A110}','{67D8F1BE-EE05-4D1C-9862-54AC59AA6126}','{9AAEAFF9-94C0-4135-B628-5D7B8D69A110}','C','{32761FF7-5E8F-4B32-969B-CB4480D6D87A}','Board meeting','Board meeting test','4/2/2014','4/24/2014','C',999,0,'I','/images/www/echalk/clipart/Mathematics/as1605tn.gif:Left:75:','N',NULL,3,0,'{E2869E6A-A21A-4A97-B6E9-4947D7FC7202}',0,NULL

Exec dbo.usp\_SetCalendarLinkage '{4DA78F24-ECF3-44EF-BCE5-505A57E9DAD6}','{36D1C426-5A19-46A4-A718-82DC047F82F7}','C','4/2/2014','4/24/2014','I',NULL,'N','N',NULL,3,0,0

Exec dbo.usp\_GetCalendarEventDetails '{4DA78F24-ECF3-44EF-BCE5-505A57E9DAD6}','C','{67D8F1BE-EE05-4D1C-9862-54AC59AA6126}'

Exec dbo.usp\_GetEventTypes '{C28C5E6F-94B9-44FC-9C59-963A1C3CED39}'

Exec dbo.usp\_GetCalendarEventLinkage '{4DA78F24-ECF3-44EF-BCE5-505A57E9DAD6}','C'

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GetEventDetail:

FROM dbo.message m WITH ( NOLOCK )

INNER JOIN dbo.user\_group gp WITH ( NOLOCK ) ON gp.user\_group\_id = m.user\_group\_id

LEFT OUTER JOIN dbo.object\_share vs WITH ( NOLOCK ) ON vs.object\_id = m.message\_id

LEFT OUTER JOIN dbo.event\_schedule es WITH ( NOLOCK ) ON es.message\_id = m.message\_id

LEFT OUTER JOIN dbo.event\_type\_cdt et WITH ( NOLOCK ) ON et.event\_type\_id = m.event\_type\_id

WHERE m.message\_id = @EventId

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Optional webpage

FROM dbo.message m WITH ( NOLOCK )

LEFT OUTER JOIN dbo.inet\_resource rs WITH ( NOLOCK ) ON rs.resource\_id = m.page\_resource\_id

LEFT OUTER JOIN dbo.web\_page wp WITH ( NOLOCK ) ON wp.resource\_id = m.page\_resource\_id

(Note: in inet\_resource, component\_type\_cd = 'W', in web\_page, web\_page\_type\_cd = 'CE' - Class Event)

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Optinoal file attachment info:

dbo.message m WITH ( NOLOCK ) ON vr.message\_id = m.message\_id

LEFT OUTER JOIN dbo.inet\_resource fr WITH ( NOLOCK ) ON fr.parent\_id = m.page\_resource\_id

WHERE vr.message\_id = @EventId

AND fr.component\_type\_cd = 'F'

AND fr.component\_type\_cd IS NOT NULL

Get Archive events:

EXEC dbo.usp\_GetArchiveEvents '{9AAEAFF9-94C0-4135-B628-5D7B8D69A110}','C',NULL,NULL,NULL,NULL,1

set Class/group resource:

Exec dbo.usp\_SetResource '{C47AB0CA-8435-4C33-9FD4-7596E7D2E71D}','{7111B331-C58C-49B4-87D3-EBE6F4FB21E2}',NULL,'web link for resource modeling','this is a link that contains resource testing info','http://www.google.com','B',NULL,NULL,NULL,NULL,'{D161C3D8-9C65-4394-A449-489DBB16E001}','C','CR',0,NULL,NULL,0,0,0,NULL,NULL,NULL,NULL,0,NULL,NULL,'M',0,NULL,1

Exec dbo.usp\_SetResourceLinkageAndVisibility '{C47AB0CA-8435-4C33-9FD4-7596E7D2E71D}','{7111B331-C58C-49B4-87D3-EBE6F4FB21E2}','{7111B331-C58C-49B4-87D3-EBE6F4FB21E2}',NULL,NULL,'B','M','C','N',1,'V'

Class survey audience:

--All users that can view this Class (based on Class visibility setting)

Exec dbo.usp\_SetResourceLinkageAndVisibility '{62FE4634-CDE2-42E3-A46D-F2DDA5067AF7}','{7111B331-C58C-49B4-87D3-EBE6F4FB21E2}','{7111B331-C58C-49B4-87D3-EBE6F4FB21E2}',NULL,NULL,'W','G','C','N',1,'V'

Exec dbo.usp\_SetResourceLinkageAndVisibility '{62FE4634-CDE2-42E3-A46D-F2DDA5067AF7}','{7111B331-C58C-49B4-87D3-EBE6F4FB21E2}','{7111B331-C58C-49B4-87D3-EBE6F4FB21E2}',NULL,NULL,'W','I','C','N',1,'V'

--Only members of this Class (including parents)

Exec dbo.usp\_SetResourceLinkageAndVisibility '{62FE4634-CDE2-42E3-A46D-F2DDA5067AF7}','{7111B331-C58C-49B4-87D3-EBE6F4FB21E2}','{7111B331-C58C-49B4-87D3-EBE6F4FB21E2}',NULL,NULL,'W','G','C','N',1,'V'

Exec dbo.usp\_SetResourceLinkageAndVisibility '{62FE4634-CDE2-42E3-A46D-F2DDA5067AF7}','{7111B331-C58C-49B4-87D3-EBE6F4FB21E2}','{7111B331-C58C-49B4-87D3-EBE6F4FB21E2}',NULL,NULL,'W','G','C','N',1,'V'

-- specific class members:

Exec dbo.usp\_SetResourceLinkageAndVisibility '{62FE4634-CDE2-42E3-A46D-F2DDA5067AF7}','{7111B331-C58C-49B4-87D3-EBE6F4FB21E2}','{7111B331-C58C-49B4-87D3-EBE6F4FB21E2}',NULL,NULL,'W','G','C','N',1,'V'

Exec dbo.usp\_SetResourceLinkageAndVisibility '{62FE4634-CDE2-42E3-A46D-F2DDA5067AF7}','{7111B331-C58C-49B4-87D3-EBE6F4FB21E2}','{7111B331-C58C-49B4-87D3-EBE6F4FB21E2}',NULL,'S, P, T','W','U','C','N',1,'V'