Database ER Diagram

m_committee
Column	Type	Keys
comm_id	INT	A N P
comm_name	VARCHAR(16)	N
comm_kind	CHAR(1)	N
comm_level	CHAR(1)	N D
delete_flg	CHAR(1)	N D
modified_date	timestamp	D

t_commgroup
Column	Type	Keys
id	INT	A N P
comm_id	INT	N F
chief_type	CHAR(1)	N D
chief_id	INT	N D
delete_flg	CHAR(1)	N D
modified_date	timestamp	D

t_commuser
Column	Type	Keys
id	INT	A N P
comm_id	INT	N F
user_id	INT	N F
delete_flg	CHAR(1)	N D
modified_date	timestamp	D

m_acl
Column	Type	Keys
acl_id	INT	A N P
module	VARCHAR(30)	N
controller	VARCHAR(30)	N
action	VARCHAR(30)	N
resource	VARCHAR(30)	N
delete_flg	CHAR(1)	N D
modified_date	timestamp	D

t_login
Column	Type	Keys
user_id	INT	N P F
delete_flg	CHAR(1)	N D
modified_date	timestamp	D

m_user
Column	Type	Keys
user_id	INT	A N P
user_name	VARCHAR(32)	N
user_kana	VARCHAR(32)	N
group_id	INT	N
job_id	INT	N D F
email	VARCHAR(32)	N
tel	VARCHAR(16)	N D
url	VARCHAR(48)	N D
kind	CHAR(1)	N D
delete_flg	CHAR(1)	N D
modified_date	timestamp	D
create_date	timestamp	D

t_user
Column	Type	Keys
login_id	VARCHAR(32)	N P
password	VARCHAR(32)	N
role	VARCHAR(10)	N
user_name	VARCHAR(32)	N
user_id	INT	N F
delete_flg	CHAR(1)	N D
modified_date	timestamp	D

m_job
Column	Type	Keys
job_id	INT	A N P
job_name	VARCHAR(16)	N
delete_flg	CHAR(1)	N D
modified_date	timestamp	D

m_member
Column	Type	Keys
member_id	INT	A N P
member_name	VARCHAR(32)	N
member_kana	VARCHAR(32)	N
group_id	INT	N F
class_id	INT	N D F
grade	INT	N
start_year	DATE	N
end_year	DATE	N D
school_name	VARCHAR(32)	N
sex	CHAR(1)	N D
kind	CHAR(1)	N D
dormitory_state	CHAR(1)	N D
director_state	CHAR(1)	N D
conditions	CHAR(1)	N D
delete_flg	CHAR(1)	N D
modified_date	timestamp	D
create_date	timestamp	N D

m_group
Column	Type	Keys
group_id	INT	A N P
group_name	VARCHAR(16)	N
group_kind	CHAR(1)	N
start_year	DATE	N
end_year	DATE	N
delete_flg	CHAR(1)	N D
modified_date	timestamp	D

m_class
Column	Type	Keys
class_id	INT	A N P
class_name	VARCHAR(10)	N
group_id	INT	N
grade	INT	N
delete_flg	CHAR(1)	N D
modified_date	timestamp	D

m_club
Column	Type	Keys
club_id	INT	A N P
club_name	VARCHAR(32)	N
club_kana	VARCHAR(32)	N
kind	CHAR(1)	N
adviser_id	INT	N
delete_flg	CHAR(1)	N D
modified_date	timestamp	D

m_learning
Column	Type	Keys
learn_id	INT	A N P
member_id	INT	N
number	INT	N
grade	INT	N
date	datetime	N
hours	CHAR(1)	N D
place	INT	N D
club_1	INT	N D
club_2	INT	N D
club_3	INT	N D
study	CHAR(1)	N D
status	CHAR(1)	N D
coach	CHAR(1)	N D
recommend	INT	N D
wish_1	INT	N D
wish_2	INT	N D
wish_3	INT	N D
wish_4	INT	N D
user_1	INT	N D
user_2	INT	N D
comments	text	
delete_flg	CHAR(1)	N D
modified_date	timestamp	D

t_learnsupport
Column	Type	Keys
id	INT	A N P
learn_id	INT	N F
member_id	INT	N
date	date	N
subject_id	INT	N D
group_id	INT	N D
grade_at	CHAR(1)	N D
status	CHAR(1)	N D
memo	VARCHAR(128)	N
user_id	INT	N D
delete_flg	CHAR(1)	N D
modified_date	timestamp	D

t_learnrequire
Column	Type	Keys
id	INT	A N P
learn_id	INT	N F
member_id	INT	N
date	date	N
subject_id	INT	N D
group_id	INT	N D
grade_at	CHAR(1)	N D
require	VARCHAR(128)	N
delete_flg	CHAR(1)	N D
modified_date	timestamp	D

t_learnemploy
Column	Type	Keys
id	INT	A N P
learn_id	INT	N F
member_id	INT	N
date	date	N
employ_id	INT	N D
delete_flg	CHAR(1)	N D
modified_date	timestamp	D

m_subject
Column	Type	Keys
code	INT	A N P
name	VARCHAR(32)	N
units	INT	N
grade	INT	N
term	CHAR(1)	N
require	CHAR(1)	N
start_year	DATE	N
end_year	DATE	N D
file	VARCHAR(32)	N
delete_flg	CHAR(1)	N D
modified_date	timestamp	D

t_subgroup
Column	Type	Keys
id	INT	A N P
code	INT	N F
group_id	INT	N
start_year	DATE	N
end_year	DATE	N D
delete_flg	CHAR(1)	N D
modified_date	timestamp	D

t_subuser
Column	Type	Keys
id	INT	A N P
code	INT	N F
user_id	INT	N
start_year	DATE	N
end_year	DATE	N D
delete_flg	CHAR(1)	N D
modified_date	timestamp	D

t_subfile
Column	Type	Keys
id	INT	A N P
code	INT	N F
year	INT	N
file	VARCHAR(32)	N
delete_flg	CHAR(1)	N D
modified_date	timestamp	D

m_employment
Column	Type	Keys
employ	INT	A N P
name	VARCHAR(32)	N
kana	VARCHAR(32)	N
url	VARCHAR(256)	N
area	INT	N D
comments	text	
delete_flg	CHAR(1)	N D
modified_date	timestamp	D

t_employgroup
Column	Type	Keys
id	INT	A N P
employ	INT	N F
group_id	INT	N
delete_flg	CHAR(1)	N D
modified_date	timestamp	D

t_coachstmember
Column	Type	Keys
id	INT	A N P
coachst	INT	N F
member	INT	N D
group_id	INT	N D
delete_flg	CHAR(1)	N D
modified_date	timestamp	D

m_coachst
Column	Type	Keys
coachst_id	INT	A N P
date	datetime	N
hours	CHAR(1)	N D
place	INT	N D
placeS	VARCHAR(32)	N
comments	text	
type	CHAR(1)	N D
user_1	INT	N D
user_2	INT	N D
delete_flg	CHAR(1)	N D
modified_date	timestamp	D

t_coachstgroup
Column	Type	Keys
id	INT	A N P
coachst	INT	N F
class_id	INT	N D
year	DATE	N
delete_flg	CHAR(1)	N D
modified_date	timestamp	D

t_coachenmember
Column	Type	Keys
id	INT	A N P
coachen	INT	N F
member	INT	N D
group_id	INT	N D
delete_flg	CHAR(1)	N D
modified_date	timestamp	D

m_coachen
Column	Type	Keys
coachen_id	INT	A N P
date	datetime	N
hours	CHAR(1)	N D
place	INT	N D
placeS	VARCHAR(32)	N
comments	text	
type	CHAR(1)	N D
user_1	INT	N D
user_2	INT	N D
delete_flg	CHAR(1)	N D
modified_date	timestamp	D

t_coachengroup
Column	Type	Keys
id	INT	A N P
coachen	INT	N F
class_id	INT	N D
year	DATE	N
delete_flg	CHAR(1)	N D
modified_date	timestamp	D

m_graduate
Column	Type	Keys
graduate_id	INT	A N P
member_id	INT	N
employ_id	INT	N
state	CHAR(1)	N
employName	VARCHAR(64)	N
employKana	VARCHAR(64)	N
employUrl	VARCHAR(256)	N
employArea	INT	N
contact_1	VARCHAR(64)	N
contact_2	VARCHAR(64)	N
address	VARCHAR(64)	N
familyName	VARCHAR(32)	N
comments	text	
delete_flg	CHAR(1)	N D
modified_date	timestamp	D

m_ir
Column	Type	Keys
id	INT	A N P
kind	CHAR(1)	N D
name	VARCHAR(32)	N D
group_id	INT	N
grade	INT	N
start_year	DATE	N
public	CHAR(1)	N
file	VARCHAR(32)	N D
movie	VARCHAR(32)	N
delete_flg	CHAR(1)	N D
modified_date	timestamp	D

t_tpfile
Column	Type	Keys
id	INT	A N P
user	INT	N
year	INT	N
file	VARCHAR(32)	N
delete_flg	CHAR(1)	N D
modified_date	timestamp	D

m_tp
Column	Type	Keys
id	INT	A N P
user	INT	N
name	VARCHAR(32)	N
start_year	DATE	N
public	CHAR(1)	N D
file	VARCHAR(32)	N
delete_flg	CHAR(1)	N D
modified_date	timestamp	D