## 物理データベース設計 E-R図

Inictory id	INT UNSIGNED	PRIMARY KEY		1	Member_Info			
history_id	INT UNSIGNED	AUTO_INCREMENT			Member_imo			PRIMARY KEY
change_datetim	e DATETIME	NOT NULL		:	serial_num	IN	TUNSIGNED	AUTO_INCREME!
change_kinds	ENUM('insert', 'update', 'delete', 'rollback')	NOT NULL						UNIQUE
operation_user	VARCHAR(40)	NOT NULL		1	member_id	VA	RCHAR(50)	NOT NULL
serial_num	INT UNSIGNED	NOT NULL			name	\/A	RCHAR(70)	NOT NULL
member_id	VARCHAR(50)	NOT NULL		-	name_pronu		RCHAR(120)	NOT NULL
name	VARCHAR(70)	NOT NULL		F	sex		NUM('male', 'female')	NOT NULL
name_pronu	VARCHAR(120)	NOT NULL		F	birthday		ATE	NOT NULL
sex	ENUM('male', 'female')	NOT NULL		-	face_photo		EDIUMBLOB	NOTNOLL
birthday	DATE	NOT NULL			join_date		ATE	NOT NULL
face_photo	MEDIUMBLOB			F	ret_date		ATE	NOTNOLL
join_date	DATE	NOT NULL	$\sim$	. ⊢	email_1		RCHAR(120)	
ret_date	DATE			' ⊦	email 2		RCHAR(120)	
email_1	VARCHAR(120)			-	<u>-</u>		RCHAR(120)	
email_2	VARCHAR(120)			<b>⊢</b>	tel_1 tel_2		RCHAR(40)	
tel_1	VARCHAR(40)							
tel_2	VARCHAR(40)			-	addr_postcode		RCHAR(35)	
addr_postcode	VARCHAR(35)			F	addr		RCHAR(220)	
addr	VARCHAR(220)			F	position		RCHAR(70)	
position	VARCHAR(70)			F	position_arri_c		ATE POLIAB(70)	
position_arri_da	te DATE			F	job		RCHAR(70)	
job	VARCHAR(70)			-	assign_dept		RCHAR(70)	
assign_dept	VARCHAR(70)			-	assign_date		ATE	
assign_date	DATE			-	inst_charge		RCHAR(70)	
inst_charge	VARCHAR(70)			Ľ	other_commer	nt VA	RCHAR(420)	
	VARCHAR(420)							
					System_Use		<u> </u>	
e Authority					System_Use serial_num	INT UNSIGNED	PRIMARY KEY	
e_Authority		PRIMARYKEY					PRIMARY KEY AUTO_INCRE	MENT
	INT UNSIGNED	PRIMARY KEY AUTO INCREMENT					PRIMARY KEY AUTO_INCREM	MENT '(Member_Info/member_id)
		AUTO_INCREMENT			serial_num		PRIMARY KEY AUTO_INCREM FOREIGN KEY ON UPDATE (	MENT '(Member_Info/member_id)
_num		AUTO_INCREMENT UNIQUE				INT UNSIGNED	PRIMARY KEY AUTO_INCREM FOREIGN KEY ON UPDATE ON	MENT '(Member_Info/member_id)
_num	INT UNSIGNED  VARCHAR(50)	AUTO_INCREMENT UNIQUE NOT NULL			serial_num	INT UNSIGNED	PRIMARY KEY AUTO_INCREM FOREIGN KEY ON UPDATE ON NOT NULL UNIQUE	MENT '(Member_Info/member_id)
_num d	INT UNSIGNED  VARCHAR(50)  VARCHAR(70)	AUTO_INCREMENT UNIQUE NOT NULL NOT NULL		+<	serial_num	INT UNSIGNED	PRIMARY KEY AUTO_INCREN FOREIGN KEY ON UPDATE O NOT NULL UNIQUE NOT NULL	MENT '(Member_Info/member_id)
_num  d name	INT UNSIGNED  VARCHAR(50)  VARCHAR(70)  BOOLEAN	AUTO_INCREMENT UNIQUE NOT NULL NOT NULL NOT NULL		+<	serial_num member_id username	VARCHAR(50)	PRIMARY KEY AUTO_INCREM FOREIGN KEY ON UPDATE ON NOT NULL UNIQUE NOT NULL UNIQUE	MENT '(Member_Info/member_id)
_num  d name n per_info	INT UNSIGNED  VARCHAR(50)  VARCHAR(70)  BOOLEAN  ENUM('none', 'brows', 'change', 'delete', 'hist', 'rollback')	AUTO_INCREMENT UNIQUE NOT NULL NOT NULL NOT NULL NOT NULL			serial_num member_id	INT UNSIGNED VARCHAR(50)	PRIMARY KEY AUTO_INCREM FOREIGN KEY ON UPDATE ( NOT NULL UNIQUE NOT NULL UNIQUE NOT NULL	MENT ((Member_Info/member_id) CASCADE
_num  d ' name ' ner_info	INT UNSIGNED  VARCHAR(50)  VARCHAR(70)  BOOLEAN  ENUM('none', 'brows', 'change', 'delete', 'hist', 'rollback')  ENUM('none', 'brows', 'change', 'delete', 'hist', 'rollback')	AUTO_INCREMENT UNIQUE NOT NULL NOT NULL NOT NULL NOT NULL NOT NULL			serial_num member_id username password	VARCHAR(50)  VARCHAR(40)  VARCHAR(300)	PRIMARY KEY AUTO_INCREN FOREIGN KEY ON UPDATE ( NOT NULL UNIQUE NOT NULL UNIQUE NOT NULL FOREIGN KEY	MENT  ((Member_Info/member_id)  CASCADE  ((Usage_Authority/auth_id)
num  d name n er_info al_score	INT UNSIGNED  VARCHAR(50)  VARCHAR(70)  BOOLEAN  ENUM('none', 'brows', 'change', 'delete', 'hist', 'rollback')	AUTO_INCREMENT UNIQUE NOT NULL NOT NULL NOT NULL NOT NULL			serial_num member_id username	VARCHAR(50)	PRIMARY KEY AUTO_INCREM FOREIGN KEY ON UPDATE ( NOT NULL UNIQUE NOT NULL UNIQUE NOT NULL	MENT  ((Member_Info/member_id)  CASCADE  ((Usage_Authority/auth_id)

fail\_count INT(2)

BOOLEAN

NOT NULL

NOT NULL





