

activeGamePlayer

Table comments: VIEW

Column	Type	Null	Default	Comments	MIME
playerID	smallint(5)	No		foreign key to player	
playerName	varchar(32)	No		first name aka username name	
gameTableID	int(10)	No	0	primary key	

activeGameTable

Table comments: VIEW

Column	Type	Null	Default	Comments	MIME
gameTableID	int(10)	No	0	primary key	
name	varchar(16)	No		unique game name may change this to support various game rules	
chairs	smallint(5)	No	1	number of chairs at table	
availableChairs	int(11)	Yes	NULL		
IP	varchar(31)	Yes	NULL		
port	smallint(5)	No	8000	game port number default 8000	

agent

Column	Type	Null	Default	Comments	MIME
agentID	smallint(5)	No		Primary Key	
gameID	smallint(5)	No		Foreign Key to game	
playerID	smallint(5)	No		Foreign Key to Player	
version	float	No		SW Version	
className	varchar(32)	No		Java Class Name	
creator	varchar(32)	No		Programmer	

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Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	agentID	2	A	No	

casino

Column	Type	Null	Default	Comments	MIME
casinoID	smallint(5)	No		primary key	
name	varchar(32)	No		Casino Name	
url	varchar(128)	No		Web Page cim based Casino	
playerID	smallint(5)	No		guest account for Casino	
description	text	No		HTML Casino Description	

Indexes

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	casinoID	2	A	No	

casinoGame

Column	Type	Null	Default	Comments	MIME
casinoID	smallint(5)	No		foreign key to casino	
gameID	smallint(5)	No		foreign key to game	

game

Column	Type	Null	Default	Comments	MIME
gameID	smallint(5)	No		primary key	
name	varchar(16)	No		unique game name may change this to support various game rules	
description	text	No		Descriptive game name	
rules	varchar(64)	No		rules -payout	

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Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	gameID	6	A	No	
name	BTREE	Yes	No	name	6	A	No	

gamePlayer

Column	Type	Null	Default	Links to	Comments	MIME
gameTableID	smallint(5)	No		gameTable -> gameTableID	foreign key to gameTable	
playerID	smallint(5)	No		player -> playerID	foreign key to player	

netGain	double	No			net money gain for this table-game	
rounds	smallint(5)	No			number of rounds played so far	
gamesWon	smallint(6)	No			games won so far	
startTime	timestamp	No	CURRENT_TIMESTAMP		time player started game	
endTime	timestamp	Yes	NULL		time player left or NULL if player still in game	
clientIP	int(10)	No			client IP address for player using inet_aton	

gameTable

Column	Type	Null	Default	Links to	Comments	MIME
gameTableID	int(10)	No			primary key	
gameID	smallint(5)	No		game -> gameID	foreign key to specific game, IP could change	
casinoID	smallint(6)	No		casino -> casinoID	ID or casino hosting table	
IP	int(10)	No	2130706433		mysql functions inet_aton, and inet_ntoa	
port	smallint(5)	No	8000		game port number default 8000	
chairs	smallint(5)	No	1		number of chairs at table	
startTime	timestamp	No	CURRENT_TIMESTAMP		time table started	
endTime	timestamp	Yes	NULL		time table closed or NULL if table is still active	

Indexes

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	gameTableID	3	A	No	

player

Column	Type	Null	Default	Comments	MIME
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playerID	smallint(5)	No		primary key	
name	varchar(32)	No		first name aka username name	
credit	double	No	100000	amount of credit player has to gamble	
password	char(32)	No		md5 lastname w salt encrypted password	
email	varchar(32)	No		player email address	

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Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	playerID	36	A	No	