

Private  
Database

login\_info

email	hashed_password
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user\_information

userID	email	fname	lname	salt
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Encrypted

Encryption code

Decryption code

Hash Map

Secure somewhere



Public Accessed Database

user_info	hashedUserID	gamerTag	gamerTagID	teamID
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bracket_info	bracketID	bracket_name	bracketTypeID	number_player	game_played	gaming_platform	rules	start_date	end_date
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bracket_type	bracketTypeID	bracket_type
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bracket_player_info	bracketID	hashedUserID	roleID	placement	score
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role_type	roleID	role_type
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event_info	eventID	event_name	address	event_description	start_date	end_date
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event_bracket_list	eventID	bracketID
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team_info	teamID	team_name
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team_list	teamID	hashedUserID
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User Game History

Hashed UserID	BracketID	Role	Placement / Score
1	1	Host	NULL
1	2	Competitor	4
1	3	Competitor	5
1	4	Host	NULL
1	5	Co-Host	NULL
1	6	Competitor	5

Hashed UserID	BracketID	Role	Placement / Score
2	1	Co-Host	NULL
2	2	Host	NULL
2	3	Host	NULL
2	4	Co-Host	NULL
2	5	Competitor	3
2	6	Competitor	3

Hashed UserID	BracketID	Role	Placement / Score
3	1	Competitor	2
3	2	Co-Host	NULL
3	3	Host	NULL
3	4	Co-Host	NULL
3	5	Competitor	3
3	6	Competitor	3

Bracket Player info

BracketID	Hashed UserID	Role	Placement / Score
1	1	Host	NULL
1	2	Co-Host	NULL
1	3	Competitior	2
1	4	Competitor	5
1	5	Competitor	5
1	6	Competitor	4

BracketID	Hashed UserID	Role	Placement / Score
2	2	Host	NULL
2	3	Co-Host	NULL
2	1	Competitior	4
2	4	Competitor	5
2	5	Competitor	5
2	6	Competitor	4