

Entity/Attribute	Check Username in Database	Register New User	Check Password against Username	Successful Login/Lobby Loads	Start New Game	Join Existing Game	Player Moves	Game Ends	Player Logs Off	Open Admin Console	Admin Kill Running Game	Admin Delete Player	Admin Creates New Player	Admin Edits Existing Player Info
Player	R	C		R	R	R		RU	RU	R		D	RC	RU
Player ID		C			R	R			R	R		D	C	R
Username	R	C	R	R						R		D	RC	RU
User Password		C	R									D	C	RU
Email		C										D	C	RU
Admin User		C		R								D	C	RU
User Online	R	C		U					U			D	C	RU
Hit Total		C						U	U		U	D	C	RU
High Score		C		R				RU	RU		RU	D	C	RU
Game				R	C	R	U	U	U	R	U			
Game ID				R	C	R				R				
Type				R	C	R				R				
Game Status								U	U	R	U			
Session				R	C	CR	U	R		R	R	D		
Player ID				R	C	CR				R		D		
Game ID				R	C	CR				R		D		
Hit					C	CR	U	R	R		R	D		
Score					C	CR	U	R	R		R	D		
Board Display					C	R	RU							
Board ID					C	R								
Board Type					C	R								
Board Rows					C	R								
Board Cols					C	R								
Board Content					C	CR			U			D		
Game Board					C	R								
Game ID					C	R								
Board ID					C	R								
Board Number					C	R								
Snake Display					C	R	RU							
Snake ID					C	R	R							
Board ID					C	R	R							
Snake Location					C	R	R							
Snake Length					C	R	R							