

From Connection to Game

A Scalable Solution For An Online Gaming Service

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Initial Connection

During the initial connection stages, the user is registered into network by assigning them a unique registration key. The key is then used to identify users when changing server or reconnecting to a server if the connection is lost

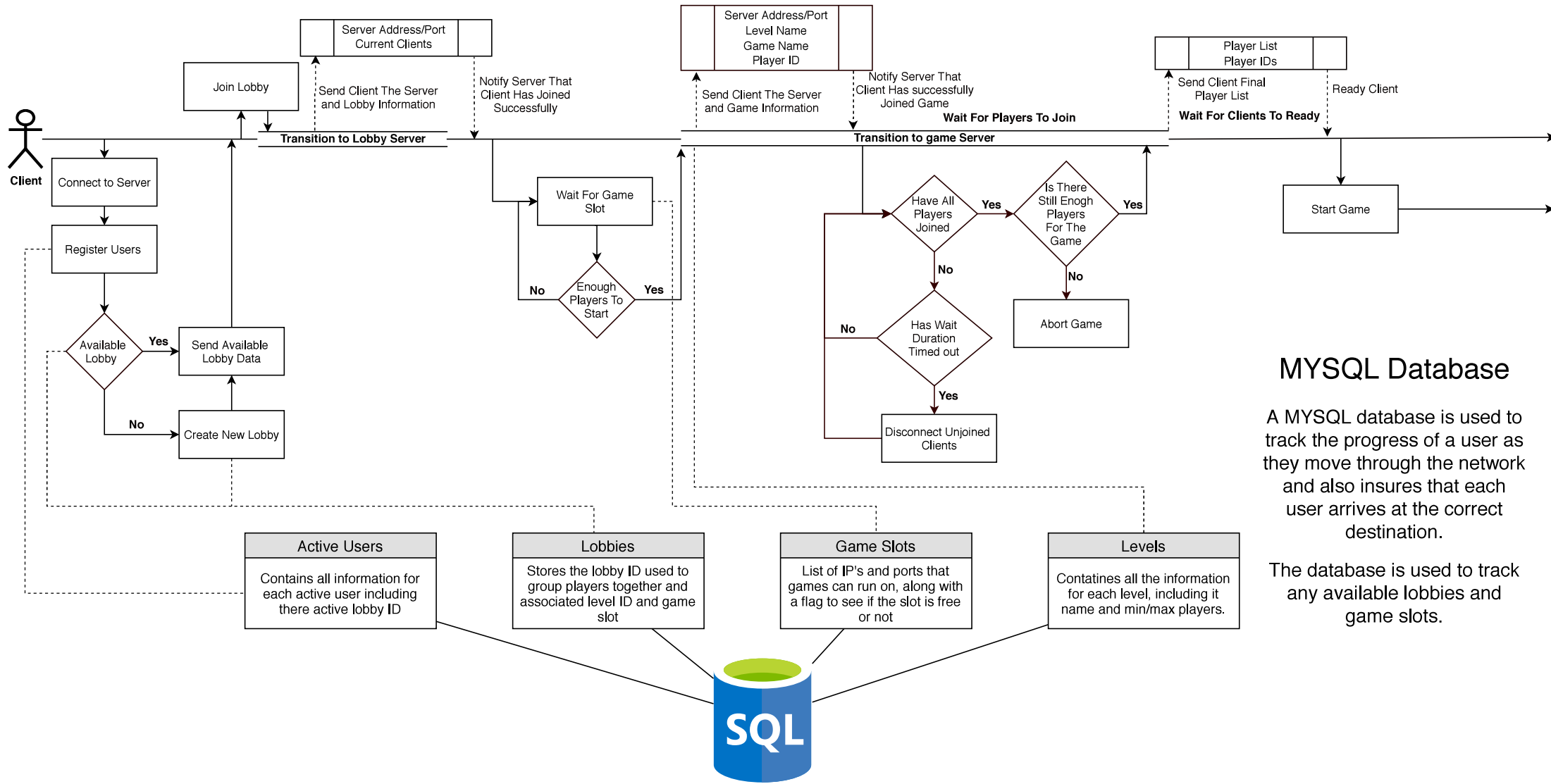
Waiting for a Game Slot

For the case that we run out of resources or the max concurrent active game limit is reached, lobbies are put into a queue to wait for a game slot to become available.

This helps to insure that all of our users have a smooth gaming experience!

Transition To Game

Once the lobby has been assigned a game slot, the server sends each user of the lobby the address of the server that the game will be hosted by, along with level that should be loaded and the players id within the game.



MYSQL Database

A MYSQL database is used to track the progress of a user as they move through the network and also insures that each user arrives at the correct destination.

The database is used to track any available lobbies and game slots.