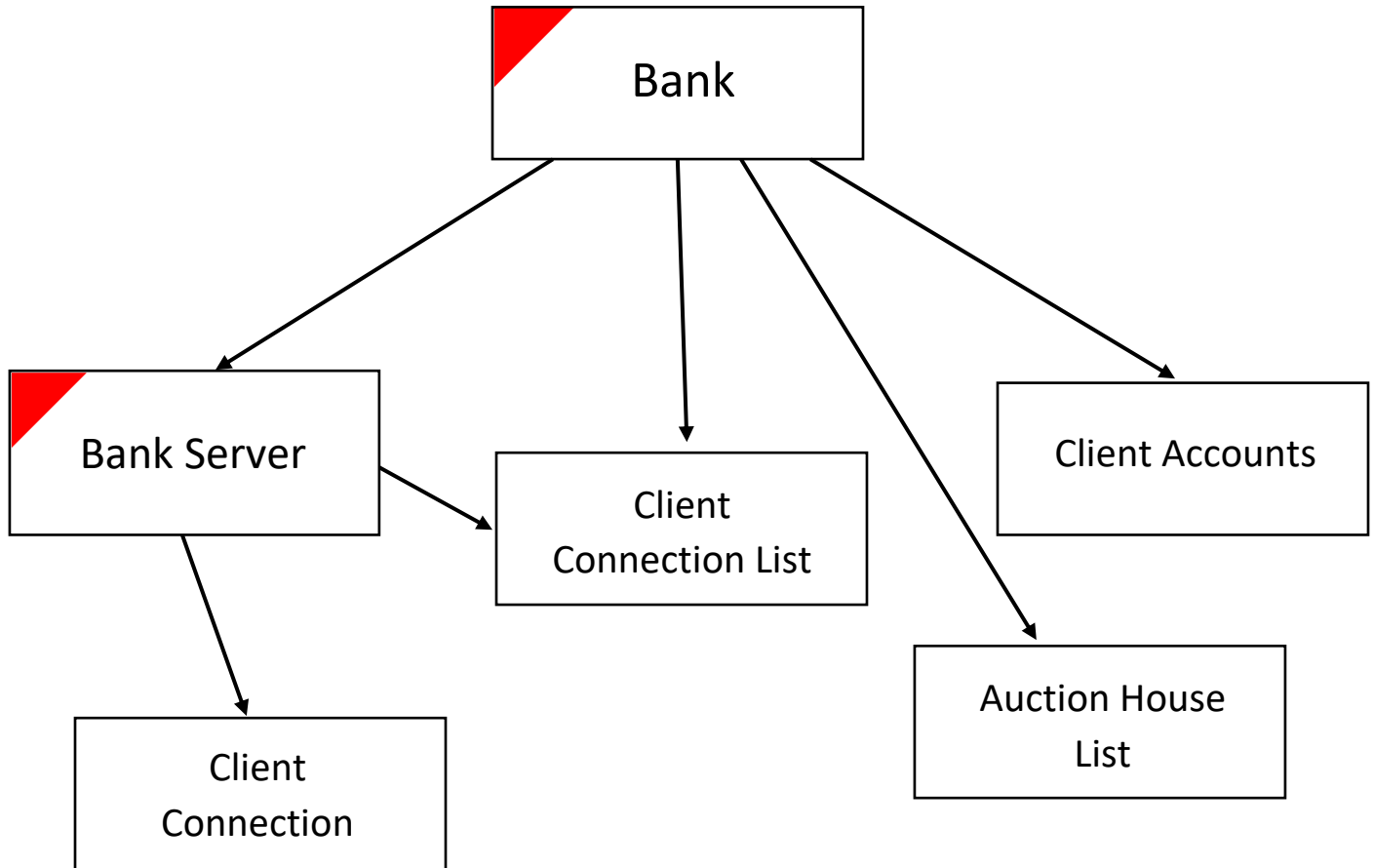


Bank Diagram



Description

The main Bank runs on its own thread, constantly processing a queue of message requests. It keeps track of every client account it creates in a HashMap with the key as an account ID and the value as the associated Account object. The Bank also has a map of all Auction Houses and their associated server info, which is received through a message request. Auction Houses let the Bank know when they start up and the Bank saves them and sends the list out to Agents upon request.

The Bank Server operates on a separate thread simultaneously, always waiting for a new client connection. The Bank Server has a reference to the Bank's list of client connections, so that when a new client connects the server can create an IO stream and add a reference to that list.