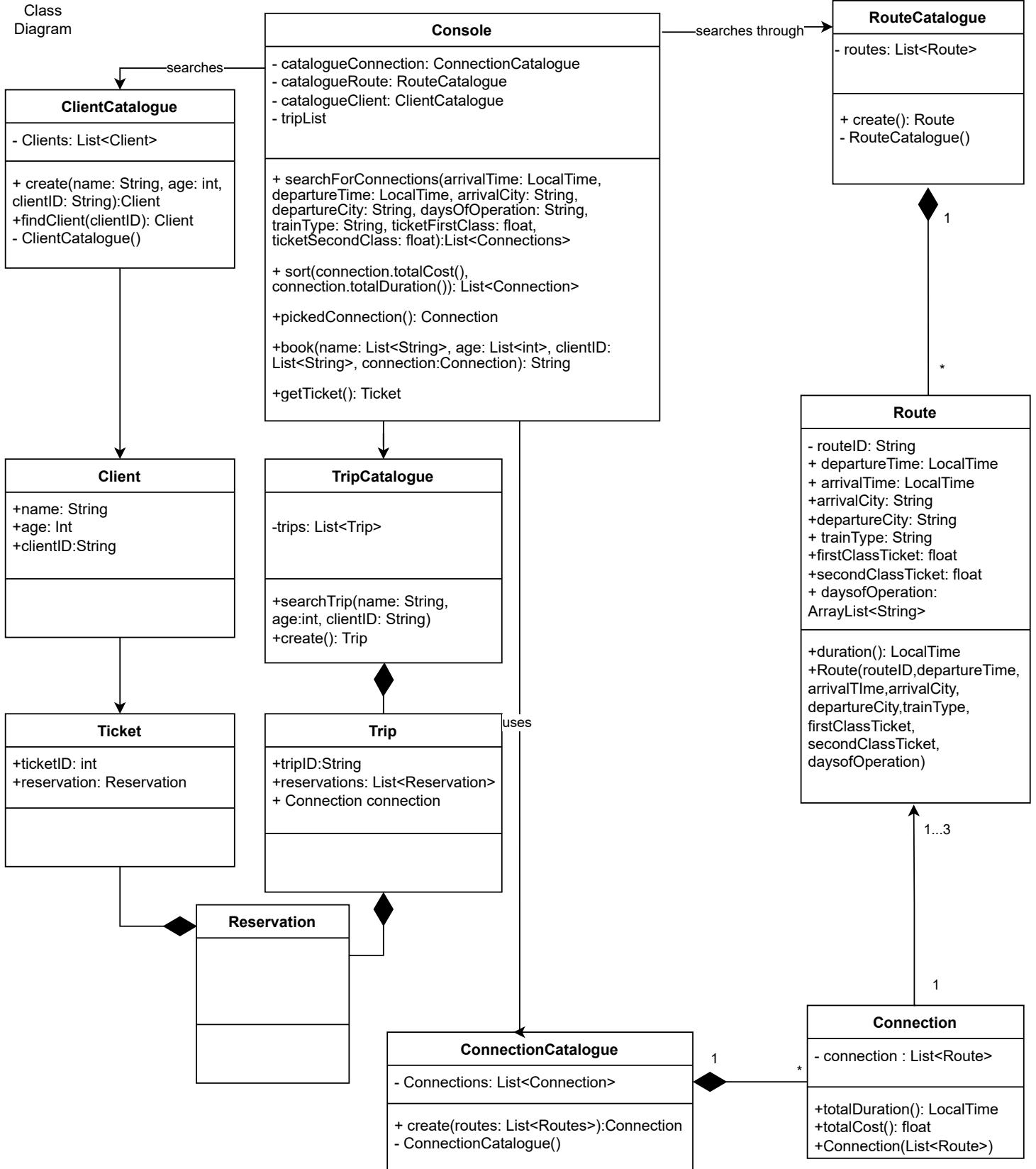


Class  
Diagram



private constructor due to being a Singleton

The system would acknowledge the successful booking.  
returns a String

Connections are computed dynamically based on the user's search criteria.

For a given connection, a client may only have a single reservation under their name.

pickedConnection would initiate booking and user input prompt

RouteCatalogue is an aggregate of Route

private constructor due to being a Singleton

Client calls system.searchForConnections(...)  
System then accesses routeCatalogue and get routes objects, it then evaluates possible combinations and for each valid sequence it has the connection catalogue create a connection object.