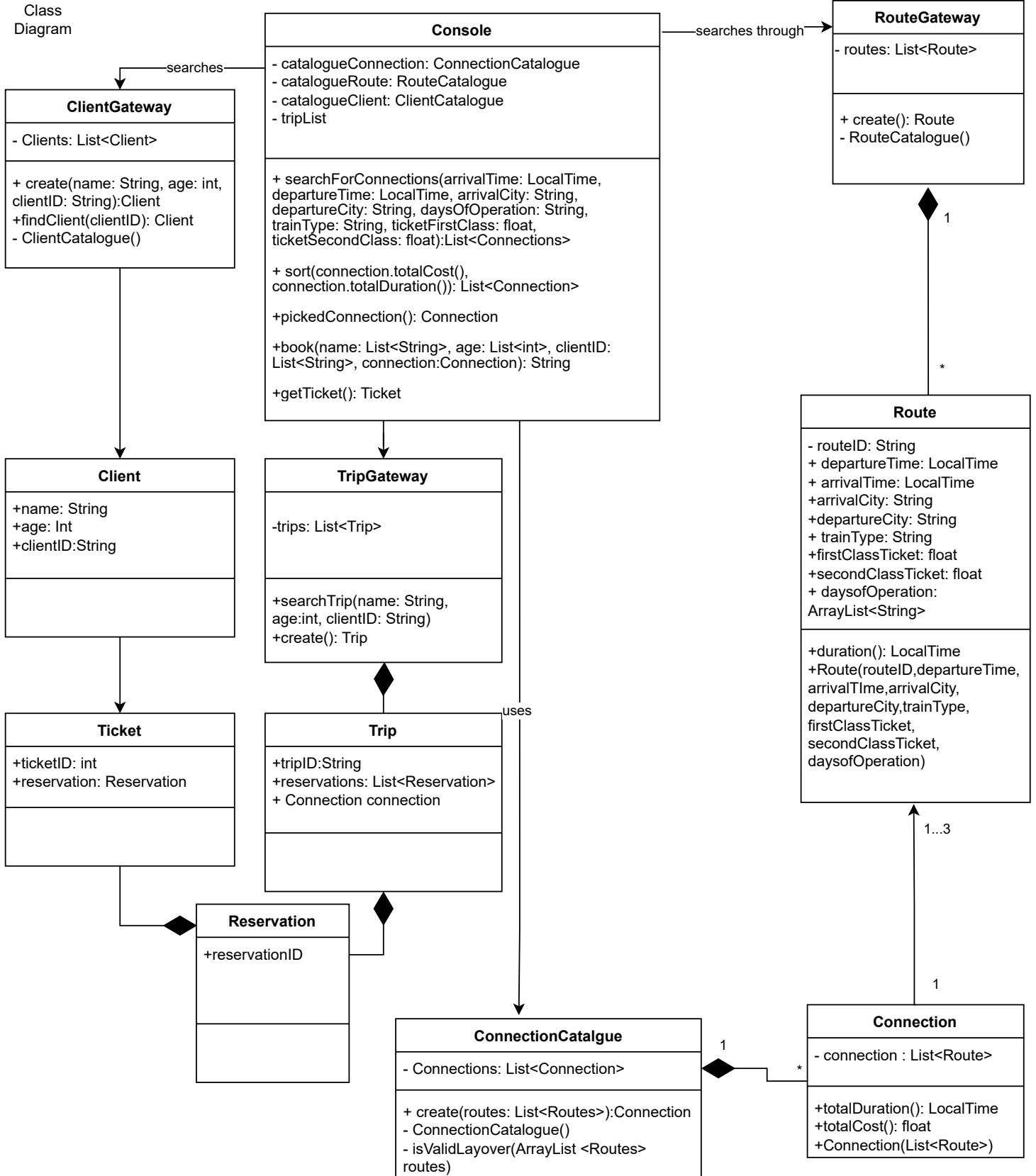


Class
Diagram



private constructor due to being a Singleton

The system would acknowledge the successful booking.
returns a String

RouteCatalogue is an aggregate of Route

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.

pickedConnection would initiate booking and user input prompt

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.

private constructor due to being a Singleton