

# Bus Reservation

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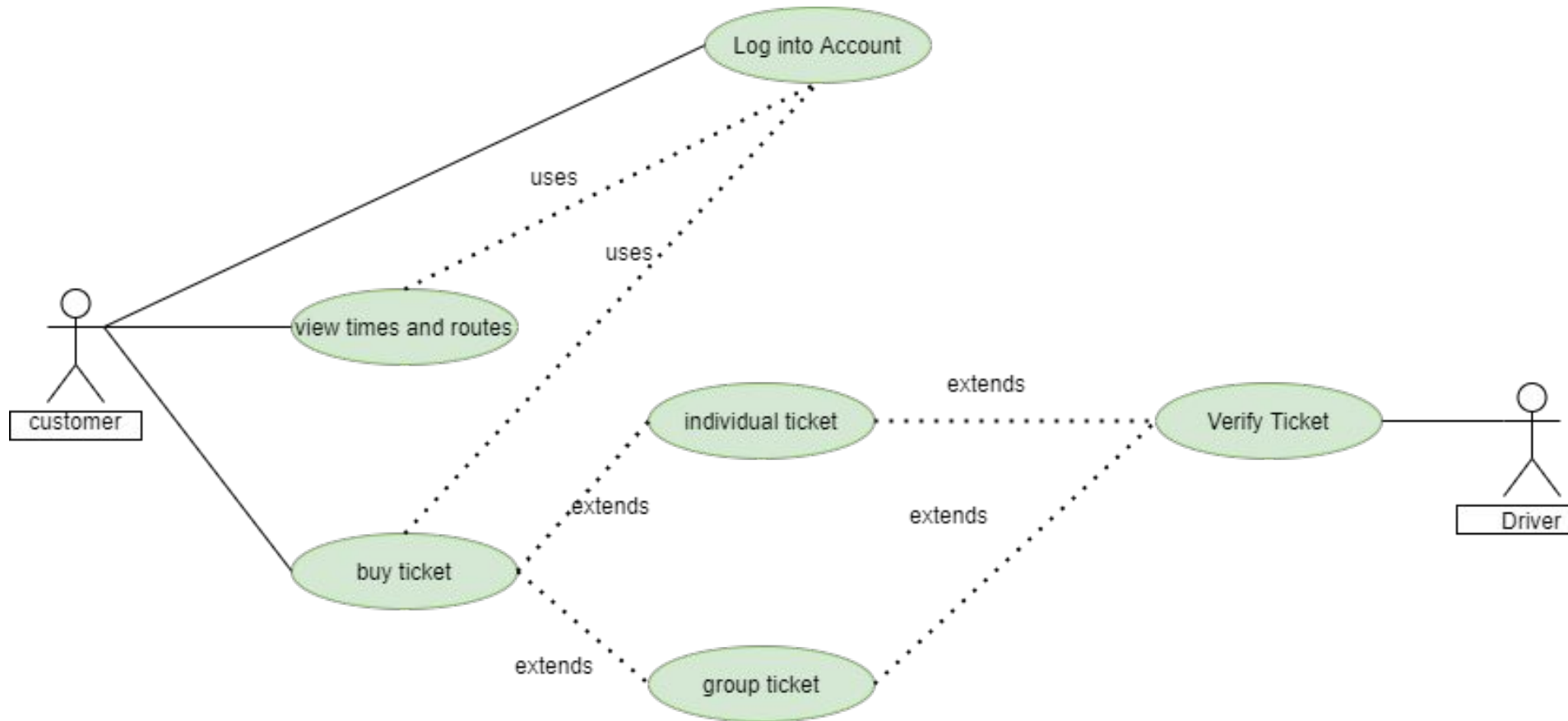
# System Description

Bus app to reserve a bus seat

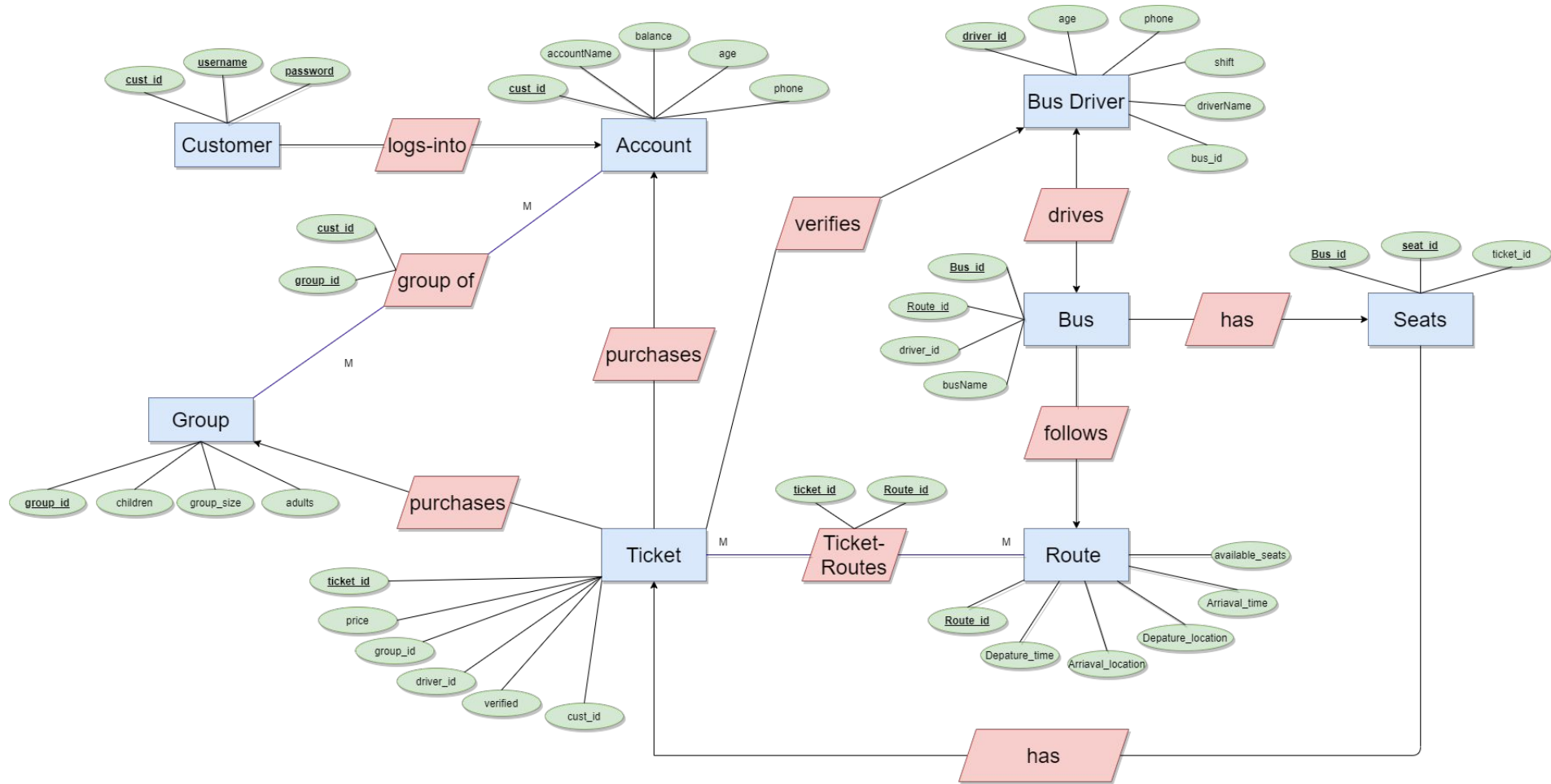
- Customer
  - Log into account
  - View routes and times
  - Buy ticket
  - Buy group ticket
- Bus Driver
  - Verify customer tickets



# UML USE-CASE DIAGRAM



# E/R DIAGRAM



# Schema

- Customer
  - C\_custid
  - C\_username
  - c\_password
- Account
  - A\_custid
  - A\_accountName
  - A\_balance
  - A\_age
  - A\_phone
- Group
  - G\_groupid
  - G\_children
  - G\_groupSize
  - G\_adults
- Ticket
  - T\_tickeld
  - T\_price
  - t\_groupId
  - T\_verified
  - T\_custId
- Group Of
  - GO\_custId
  - GO\_groupID
- Ticket-Routes
  - TR\_ticketID
  - TR\_routeld
- Bus Driver
  - BD\_driverID
  - BD\_age
  - BD\_phone
  - BD\_shift
  - BD\_driverName
  - BD\_buseld
- Bus
  - B\_busId
  - B\_routeld
  - B\_driverID
  - B\_busName
- Route
  - R\_routeld
  - R\_DepartureTime
  - R\_ArrivalLocation
  - R\_DepartureLocation
  - R\_ArrivalTime
  - R\_AvailableSeats
- Seats
  - S\_BusId
  - S\_SeatId
  - S\_TicketId

# SCHEMA

