

Logical database design

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| Customer (customerId, customerName, identificationNo, DoB, gender, emailAddress, phoneNumber, address) Primary Key customerId Alternate Key name Alternate Key identificationNr Alternate Key DoB | Employee (employeeId, employeeName, CPR, DoB, salary, employeePosition, gender, emailAddress, phoneNumber, address) Primary Key employeeId Alternate Key name Alternate Key cpr Alternate Key DoB Alternate Key salary Alternate Key position |
| Payment (paymentId, customerId, paymentMethod, amount) Primary Key paymentId Foreign Key customerId references Customer(customerId) Alternate Key paymentMethod Alternate Key amount | Equipment (equipmentId, datePurchased, rentPrice, brand) Primary Key equipmentId Alternate Key datePurchased Alternate Key rentPrice Alternate Key availabilityStatus Alternate Key brand |
| Rental (customerId, equipmentId, dateFrom, dateTo, totalPrice, paymentId) Primary Key customerId, equipmentId, dateFrom Foreign Key customerId references Customer(customerId) Foreign Key equipmentId references Equipment(equipmentId) Foreign Key paymentId references Payment(paymentId) Alternate Key dateFrom Alternate Key dateTo Alternate Key totalPrice | Board (difficultyLevel) inherits Equipment Alternate Key difficultyLevel |
| Maintenance (equipmentId, employeeId, lastMaintenance, nextMaintenance) Primary Key equipmentId, employeeId, lastMaintenance Foreign Key equipmentId references Equipment(equipmentId) Foreign Key employeeId references Employee(employeeId) Alternate Key lastMaintenance Alternate Key nextMaintenance | Wetsuit (suitSize) inherits Equipment Alternate Key suitSize |
| | Sail (difficultyLevel) inherits Equipment |