# Logical database design

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