

Canberra Jobs Database Entity List

Group 5

Tutorial Wed 1:30-3:30

Assumptions:

- I assume that the next of kin details will be stored in their own entity, should they need to be contacted for a client.
- I also assume that state is an attribute that should be recorded as part of the address in every case.
- PhoneNumber is also something I thought was important for all staff and customers to have an attribute for.
- Finally since payment method is mentioned as an attribute for recording car park payments why not record it for other purchases as well.

Customer(CustomerNo {PK}, NextofKinNo {FK}, FirstName, LastName, Address, Suburb, Postcode, City, State, PhoneNumber, Gender)

CustomerRepairService(CustomerRepairServiceNo {PK}, CustomerNo {FK}, ServiceNo {FK})

RepairJob(RepairJobNo {PK}, CustomerNo {FK}, ServiceNo {FK}, DateOfLodgement, StaffWhoLoggedRepairJob {FK})

StaffWhoLoggedRepairJob(StaffWhoLoggedRepairJobNo {PK}, StaffNo {FK}, RepairJobNo {FK})

NextOfKin(NextofKinNo {PK}, FirstName, LastName, PhoneNumber, Address, Suburb, Postcode, City, State)

RepairServices(ServiceName, ServiceNo {PK}, ServiceType, Price)

Staff(StaffNo {PK}, FirstName, LastName, Position, Gender, DateOfBirth, Salary, DepartmentName, InternalPNumber, OfficeNo, Address, Suburb, City, State, Postcode, SectionNo {FK})

Section(SectionNo {PK}, SectionName, Email, Address, Suburb, City, State, Postcode, PhoneNumber)

Instructor(InstructorNo {PK}, StaffNo {FK})

Courses(CourseNo {PK}, CourseName, StartDate, EndDate, CourseFees, InstructorNo {FK})

CourseEnrollment(CourseEnrollmentNo {PK}, CourseNo {FK}, CustomerNo {FK})
(Customers Limited to 6 courses at any particular time)

CourseInvoice(CourseInvoiceNo {PK}, CourseNo {FK}, PaymentDueDate, AmtToBePaid, CustomerNo {FK}, StaffWhoIssuedInvoiceForCourseInvoiceNo {FK})

StaffWhoIssuedInvoiceForCourseInvoice(StaffWhoIssuedInvoiceForCourseInvoiceNo {PK}, CourseInvoiceNo {FK}, StaffNo {FK})

ServiceRepairInvoice(ServiceRepairInvoiceNo {PK}, ServiceNo {FK}, PaymentDueDate, AmtToBePaid, CustomerNo {FK}, StaffWhoIssuedInvoiceForServiceRepairInvoiceNo {PK})

StaffWhoIssuedInvoiceForServiceRepairInvoice(StaffWhoIssuedInvoiceForServiceRepairInvoiceNo {PK}, ServiceRepairInvoiceNo {FK}, StaffNo {FK})

RepairPersonnel(RepairerNo {PK}, StaffNo {FK})

CoursePaymentDetails(CoursePaymentNo {PK}, CustomerNo {FK}, CourseInvoiceNo {FK}, AmtPaid, DateOfPayment, **PaymentMethod**)

ServiceRepairPaymentDetails(ServiceRepairPaymentNo {PK}, CustomerNo {FK}, ServiceRepairInvoiceNo {FK}, AmtPaid, DateOfPayment, **PaymentMethod**)

CoursePaymentReceipt(CourseReceiptNo {PK}, CoursePaymentNo {FK})

ServiceRepairPaymentReceipt(ServiceRepairReceiptNo {PK}, ServiceRepairPaymentNo {FK})

OutstandingCourseInvoiceNotice(OutstandingCourseInvoiceNoticeNo {PK}, CourseInvoiceNo {FK}, CustomerNo {FK}, NoticeDateOfIssue)

OutstandingServiceRepairInvoiceNotice(OutstandingServiceRepairInvoiceNoticeNo {PK}, ServiceRepairInvoiceNo {FK}, CustomerNo {FK}, NoticeDateOfIssue)

AppointmentReservation(AppointmentReservationNo {PK}, CustomerNo {FK}, PreferredDate, PreferredTime)

Appointments(AppointmentNo {PK}, CustomerNo {FK}, StaffNo {FK}, RepairDescription, QuotationPrice)

RepairDetails(RepairNo {PK}, CustomerNo {FK}, DateOfRepair, TimeOfRepair, RepairerNo {FK})

QualityControlInspector(InspectorNo {PK}, StaffNo {FK})

InspectionDetails(InspectionNo {PK}, RepairNo {FK}, CustomerNo {FK}, InspectorNo {FK}, Comments, DateOfInspection, TimeOfInspection)

CarparkHire(CarparkHireNo {PK}, CustomerNo {FK}, DateOfHire)

CarparkHirePaymentDetails(CarparkHirePaymentNo {PK}, CustomerNo {FK}, CarparkHireNo {FK}, AmtPaid, DateOfPayment, PaymentMethod)