

Project Phase 2

Sharon Perelman
CIS 317-DL
Project Phase 2
July 24,2011

<p>Staff (<u>staffNo</u>, staff name first, staff name last, address home street, home city, home post code, DOB, position, location) Primary Key staffNo</p>
<p>NOK (<u>matricNo</u>, NOK name, student relation, NOK street, NOK city, NOK Post code, NOK phone) Primary Key matricNo</p>
<p>Room (<u>placeNo</u>) Primary Key placeNo Foreign Key accomNo references (Accommodation)</p>
<p>Student (<u>matricNo</u>, student last, student first, home street, home city, sex) Primary Key MatricNo Foreign Key MatricNo references NOK(MatricNo)</p>
<p>Invoice (<u>invoiceNo</u>) Primary Key invoiceNo Foreign Key leaseNo references (LeaseNo)</p>
<p>Lease (<u>leaseNo</u>, lease duration, Laststudent, firststudent, matricNo, placeNo, roomNo) Primary Key leaseNo Foreign Key MatricNo references Student (MatricNo) Foreign Key placeNo references Room(placeNo) Foreign Key invoiceNo references Invoice (invoiceNo)</p>
<p>Inspection (<u>inspectionNo</u>, staffName, Dateinspection, condition, comments) Primary Key inspectionNo Foreign Key staffNo references Staff (staffNo) Foreign Key hallNo references Hall (hallNo)</p>
<p>Hall (<u>AccomNo</u>, hallname, hallphone, hallmanager, hallrent, halladdress, roomNo, placeNo) Primary Key AccomNo Foreign Key staffNo references Staff (staffNo) Alternate Key hallNo references Hall (hallNo)</p>

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<p>Flat (<u>AccomNo</u>, flatNo, roomNo, monthlyrent, placeNo) Primary Key AccomNo Alternate Key flatNo references Flat (flatNo) Foreign Key placeNo references Room (placeNo)</p>
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Assumption Super/subclass Accommodation: hall/flat Mandatory , OR

Student (matricNo, fName, lName, street, city, postcode, DOB, sex, category, nationality, smoker, special needs, comments, status)

Primary Key matricNo

NOK (matricNo, name, street, city, postcode, contactTelNo)

Primary Key matricNo

Foreign Key matricNo references Student(matricNo)

Hall (hallNo, hName, hAddress, hTelNo, mgrStaffNo)

Primary Key hallNo

Foreign Key mgrStaffNo references Staff(staffNo)

Flat (flatNo, fAddress, noOfRooms)

Primary Key flatNo

Room (placeNo, roomNo, monthlyRent, flatNo, hallNo)

Primary Key placeNo

Foreign Key hallNo references Hall(hallNo)

Foreign Key flatNo references Flat(flatNo)

HallInspection (hallNo, iDate, condition, comments, inspStaffNo)

Primary Key hallNo, iDate

Foreign Key hallNo references Hall(hallNo)

Foreign Key inspStaffNo references Staff(staffNo)

Lease (leaseNo, duration, matricNo, placeNo, dateEnter, dateLeave)

Primary Key leaseNo

Foreign Key matricNo references Student(matricNo)

Foreign Key placeNo references Room(placeNo)

Staff (staffNo, fName, lName, street, city, postcode, DOB, sex, position)

Primary Key staffNo

Invoice (invoiceNo, semester, paymentDue, datePaid, paymentMethod,
dateReminder1, dateReminder2, leaseNo)

Primary Key invoiceNo

Foreign Key leaseNo references Lease(leaseNo)