

Student Accommodation Service - Information System Database

(sasDB)

Data Normalization - First Normal Form (1NF)

Student

<u>NationalInsuranceNumber</u>	uURecordID*	uUniversityID_EnrolledTo*	StudentType	MembershipStatus	Gender	FirstName	MiddleName	LastName	TelephoneNumber	EmailAddress	DateOfBirth	LaneAddress	City	ZipCode	County	EstimatedProgramCompletionDate	pPRecordID*	pPropertyID*	csCSRecordID*	csEmployeeID_RegisteredBy*	RegistrationDateTime	sSLRecordID*	sSystemLoginID*
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StudentMobileNumber

sNationalInsuranceNumber*	MobileNumber
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StudentEmergencyContact

<u>SECRRecordID</u>	<u>SECID</u>	RelationshipToStudent	FirstName	MiddleName	LastName	LaneAddress	City	ZipCode	County	sNationalInsuranceNumber*
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StudentEmergencyContactNumber

secSECRRecordID*	secSECID*	ContactNumber
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University

<u>URecordID</u>	<u>UniversityID</u>	Name	LaneAddress	City	ZipCode	County
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UniversityTelephoneNumber

uURecordID*	uUniversityID*	TelephoneNumber
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UniversityEmailAddress

uURecordID*	uUniversityID*	EmailAddress
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Property

<u>PRecordID</u>	<u>PropertyID</u>	PropertyType	Status	PropertyAreaType	RentAmount	MaxNoTenants	NoOfBathrooms	NoOfBedrooms	NoOfParkingSlots	NoOfFloors	SizeInSquareFeet	BuiltDate	LaneAddress	City	ZipCode	County
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PropertyOtherFacilities

pPRecordID*	pPropertyID*	OtherFacilities
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Landlord

<u>NationalInsuranceNumber</u>	LandlordType	MembershipStatus	FirstName	MiddleName	LastName	EmailAddress	LandAddress	City	ZipCode	County	csCSRecordID*	csEmployeeID_RegisteredBy*	RegistrationDateTime	sSLRecordID*	sSystemLoginID*
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LandlordMobileNumber

lNationalInsuranceNumber*	MobileNumber
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LandlordTelephoneNumber

lNationalInsuranceNumber*	TelephoneNumber
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SystemLogin

<u>SLRecordID</u>	<u>SystemLoginID</u>	Username	PasswordHash	AccountType	CreationDateTime
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SystemLoginLoginDateTime

sSLRecordID*	slSystemLoginID*	LoginDateTime
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SystemLoginLogoutDateTime

sSLRecordID*	slSystemLoginID*	LogoutDateTime
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ViewingDetail

<u>VDRRecordID</u>	<u>ViewingID</u>	ViewingDateTime	lNationalInsurranceNumber_AssignedBy*
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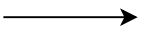
ViewingDetailInvolvedStudents

vdVDRRecordID*	vdViewingID*	sNationalInsuranceNumber_InvolvedStudents*
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Legend

CustomerService

EmailAddress



<u>NationalInsuranceNumber</u>

<u>CSRecordID</u>	<u>EmployeeID</u>
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sNationalInsuranceNumber*

Entity (Relation Name)

Attribute
(Relation Column Name)

Link (Connection)

Primary Key

Composite Key

Foreign Key