Project: Grizz Housing

Entity Relationship Diagram

Presented to

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Entity Listing

Profile:

- ConsumerUser:
 - O userID (PK)
 - O firstName
 - O lastName
 - O phoneNumber
 - O emailAddress
 - O emailAddressOU
- Preference:
 - O preferenceID (PK)
 - O userID (FK)
 - O minBedrooms
 - O minBathrooms
 - O minSize
 - O maxSize
 - O minRentAmount
 - O maxRentAmount
 - O parking (free/paid/no)
 - O furnished (yes/no)
 - O laundry (yes/no)
 - O petsAllowed (yes/no)
 - O smokingAllowed (yes/no)
- Landlord:
 - O landlordID (PK)
 - O firstName
 - O lastName
 - O phoneNumber
 - O emailAddress
 - O contactPhone
 - O contactEmail
 - O contactHours
- FavoritedApartment:
 - O favoriteID (PK)
 - O userID (FK)
 - O apartmentID (FK)

Listing:

Apart	ment.
0	apartmentID (PK)
0	landlordID (FK)
0	type
0	addressLine1
0	addressLine2
0	city
0	state
0	zipCode
0	noOfBedrooms
0	noOfBathrooms
0	size
0	parking (free/paid/no)
0	furnished (yes/no)
0	laundry (yes/no)
0	petsAllowed (yes/no)
0	smokingAllowed (yes/no)
0	apartmentOverview
0	rentAmount
0	dateAvailable
Repor	rt.
	reportID (PK)
0	description
Saved	dApartments.
0	savedApartmentID (PK)
	apartmentID (FK)
Saved	
	savedFilterID (PK)
	Query
Applic	
	applicationID (PK)
_	movelnDate
	tenancyLength
	dateOfBirth
	ssnLast4
	photoID_type
0	photoID#

0	noOfOccupants
0	noOfVehicles
	pets (yes/no)
0	currentAddress
	occupation
	employer
0	employerContact
0	monthlyIncome
	emergencyContact
0	tenantSignature
	ownerSignature
	date
	ngApartment (when an apartment is rented to ConsumerUser(s)):
	rentingID (PK)
	apartmentID (FK)
0	userID (FK)
Communic	eations:
Communic	cations:
Communic ● Price	
PriceO	Drop PriceDropID
PriceO	Drop
PriceOO	Drop PriceDropID PDDate PDTime
PriceOOO	Drop PriceDropID PDDate PDTime PDAmount
PriceOOOO	Drop PriceDropID PDDate PDTime PDAmount PDExpire
PriceOOOOO	Drop PriceDropID PDDate PDTime PDAmount PDExpire ApartmentID (FK)
PriceOOOOOPaym	PriceDropID PDDate PDTime PDAmount PDExpire ApartmentID (FK) ent Due
PriceOOOOPaymO	PriceDropID PDDate PDTime PDAmount PDExpire ApartmentID (FK) ent Due PayDueID
PriceOOOOPaymOO	PriceDropID PDDate PDTime PDAmount PDExpire ApartmentID (FK) ent Due PayDueID PayDueDate
PriceOOOOPaymOO	PriceDropID PDDate PDTime PDAmount PDExpire ApartmentID (FK) ent Due PayDueID PayDueDate PayDueTime
PriceOOOOOOOOOOOOOOOOO	Drop PriceDropID PDDate PDTime PDAmount PDExpire ApartmentID (FK) ent Due PayDueID PayDueDate PayDueTime PayDueAmount
 Price O O O Paym O O O O 	PriceDropID PDDate PDTime PDAmount PDExpire ApartmentID (FK) ent Due PayDueID PayDueDate PayDueAmount userID (FK)
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0	userID (FK)
Chat	Message
0	MessageID
0	Date
0	Time
0	messageText
0	userID (FK) who sent it
Applic	cation Notification
	<u>AppNotifyID</u>
_	ANDate
_	ANTime
	ApplicationID (FK)
	userID (FK)
	cation Selection Notification
	<u>SelectAppNotifyID</u>
_	SANDate
_	SANTime
	ApplicationID (FK)
	userID (FK)
	mateMatch (UNARY RELATIONSHIP WITH CUSTOMERS THAT ARE
	MMATES)
	<u>RoomMatchNotifyID</u>
0	RMNDate
0	RMNDate RMNTime
0	RMNDate
0	RMNDate RMNTime
0 0	RMNDate RMNTime
0	RMNDate RMNTime
O O O O O O O O O O O O O O O O O O O	RMNDate RMNTime userID (FK)
Payment: • UserF	RMNDate RMNTime userID (FK) Payment.
Payment: • UserF	RMNDate RMNTime userID (FK) Payment. UserPaymentID (PK)
Payment: • UserF • O	RMNDate RMNTime userID (FK) Payment. UserPaymentID (PK) PaymentMethod (Credit/Debit)
Payment: • UserF • O	RMNDate RMNTime userID (FK) Payment. UserPaymentID (PK) PaymentMethod (Credit/Debit) UPExternal(Paypal)
Payment: • UserF • O	RMNDate RMNTime userID (FK) Payment. UserPaymentID (PK) PaymentMethod (Credit/Debit)
Payment: • UserF • O	RMNDate RMNTime userID (FK) Payment. UserPaymentID (PK) PaymentMethod (Credit/Debit) UPExternal(Paypal) UPTransactionHistory
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- LatePaymentRequest.
 - O LatePaymentRequestID (PK)
 - O LPRDate
 - O LPRPaymentMethod
 - O LPRAmount
 - O LPRFee
 - O landlordID (FK)

Analytics & Review:

- Review.
 - O ReviewID
 - O Date
 - O Time
 - O ReviewText
 - O Rating
 - O UserID (FK)
 - O ApartmentID (FK)
- ReviewComment.
 - O RevCommentID
 - O Date
 - O Time
 - O RevCommentText
 - O ReviewID (FK)