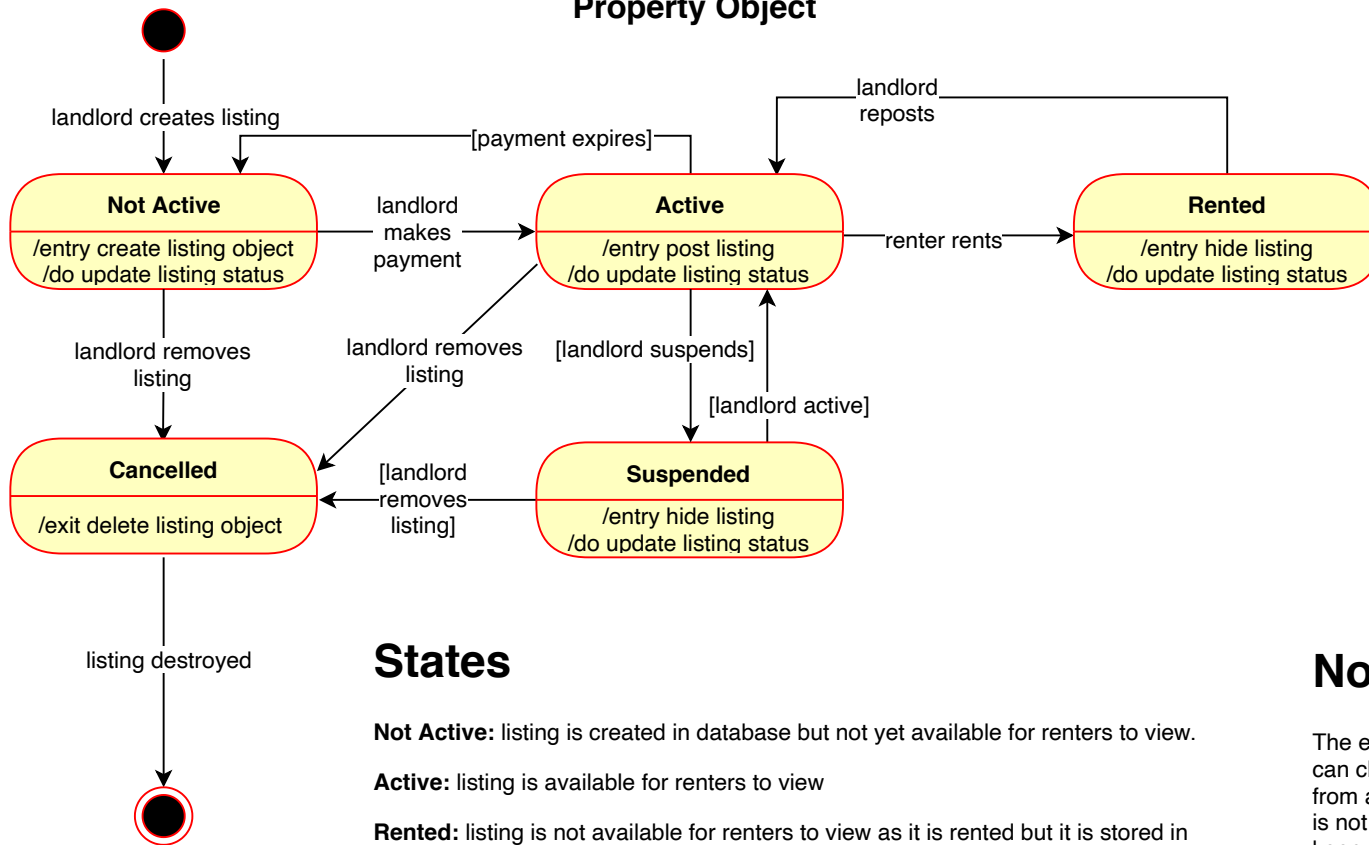# State Transition Diagrams
Property Object

States

Not Active: listing is created in database but not yet available for renters to view.

Active: listing is available for renters to view

Rented: listing is not available for renters to view as it is rented but it is stored in the database with the changed status

Cancelled: listing is deleted from the system

Suspended: landlord suspends the listing temporarily to hide it from renters viewing it. (ex. if landlord is the middle of signing a contract with a potential renter)

Note

The external stimuli of a manager can change a property obejct from any state to any state which is not shown in the diagram to keep simplicity and clarity

Process that landlord posts his/her property

Awaiting property info

/entry prompt create listing view
/do listen to create listing button

createListing

Create listing object

/entry change listing status to inactive

get payment to post

Awaiting payment

/do checking listing payment status

waiting

payment made

Listing posted

/entry change listing status to active

payment expired

rented

Property Rented

/entry change listing status to active

prompt user for listing info