

Elijah Staple

Project Name: Rent-a-Pup

Requirement Id #s: UR-004, UR-006, BR-003

Use Case ID:	UC-07
Use Case Name:	Cancel/modify a booking
Description:	If a user cannot make their booking and no longer wishes to have said booking, or wants to cancel only part of a booking of multiple dogs, there is an option to cancel/modify the booking.

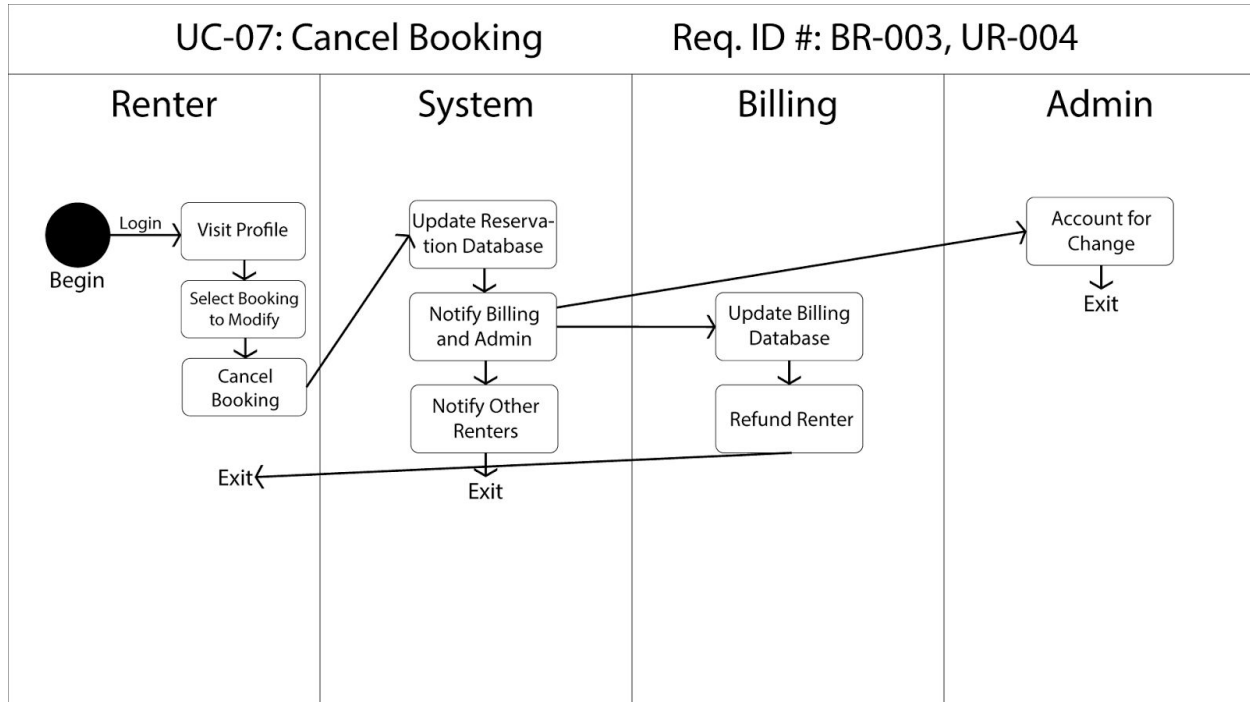
Actors:	Renters	
Pre-conditions:	Renter must have a confirmed booking with at least one dog.	
Post-conditions:	Renter's payment will be cancelled and other potential renters who might be interested in this dog get a notification that it is now/will be available.	
Frequency of Use:	Any time a renter can't "make" the reservation.	
Flow of Events:	Actor Action	
	System Response	
	1	Log in to account.
	2	Go to profile page
	3	Select rentals/reservations (for a less harsh word)
	4	Select reservation to modify or cancel.
	5	Confirm cancellation/modification
Remove reservation from user and user from reservation and mark dog as available during reservation time. Refund renter and also send text or email notification to other users about availability.		
Variations:	A single dog reservation would just display the option to cancel where multiple dog reservations would display modify and cancel.	
Exceptions:		
Developer Notes:	Need to implement a texting or email function for the notifications and have the backend automatically update when a reservation changes.	

Use Case ID:	UC-08
Use Case Name:	Puppies pending adoption
Description:	Puppies pending adoption are flagged and potential renters are made aware of the status of the adoption throughout the process.

Actors:	Potential Renters	
Pre-conditions:	Dog must be in the process of being adopted	
Post-conditions:	Dog will not be available for rental after being selected for adoption after a certain point of the process when it's mostly confirmed (so the people adopting aren't having their new dog "rented out").	
Frequency of Use:	Any time someone begins adopting a dog.	
Flow of Events:	Actor Action	
	System Response	
	1	Log in to account.
	2	Search for puppy of interest
	3	Notice adoption flag in search or in profile see status of adoption
	4	Proceed to rent dog knowing adoption is possible or not if it's marked adopted
Variations:	If an adoption is cancelled there will need to be a handling of that, changing flags and information	
Exceptions:		
Developer Notes:		

Activity Diagram

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Sequence Diagram

UC-07: Cancel Booking Requirement ID #: BR-003, UR-004 Elijah Staple

