

Name: Anne Maria Vasu
Project: Pet Diaries

Requirements

RequirementID#

UR – 001, UR – 002, UR – 003, UR – 004, UR – 005, UR – 006, UR – 007, UR – 031, UR – 032,
UR – 033, UR - 034

Use Case documents

Use Case ID:	UC-01		
Use Case Name:	Login		
Description:	User can log into the PetDiaries		
Actors:	Owner, Caretaker, Admin		
Pre-conditions:	PetDiaries login page is displayed		
Post-conditions:	User dashboard is displayed on successful login		
Frequency of Use:	Dependent on users		
Flow of Events:		Actor Action	System Response
	1	Enter username, password and click login button	Validate credentials and allow login if passes. If validation fails display corresponding error message to user
	2	User clicks Forgot Username/Password	Display “Recover username/password page”
	3	User enters email address in “Recover username/password page”	Validates email address. If valid email, sends recovery mail to user. Will display “Recovery details sent to email” in case of success and failure to prevent attacker from identifying email address.
Variations:	Admin, Owner and Caretaker will have different dashboards displayed based on their role.		
Exceptions:	None		

Developer Notes:	None
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Use Case ID:	UC-02		
Use Case Name:	User Registration		
Description:	User can create a new account with Pet Diaries		
Actors:	Owner, Caretaker		
Pre-conditions:	User clicks Sign Up button on login screen		
Post-conditions:	New user is successfully registered		
Frequency of Use:	Dependent on users		
Flow of Events:		Actor Action	System Response
	1	User enters unique username, password, email address, contact information and preferred role	If preferred role is Owner, "Pet information" field is enabled. If preferred role entered is Caretaker, this field stays disabled
	2	Owner enters pet information. All users enter pet preferences. User clicks submit.	All user input is validated for various discrepancies. If all data is considered valid, new user is created and success is displayed to user. If invalid data is found, an error is displayed with corresponding bad fields highlighted.
Variations:	Owner and caretaker inputs vary with respect to Pet Information field.		
Exceptions:	Admin does not have to do this		

Developer Notes:	None
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Activity Diagrams

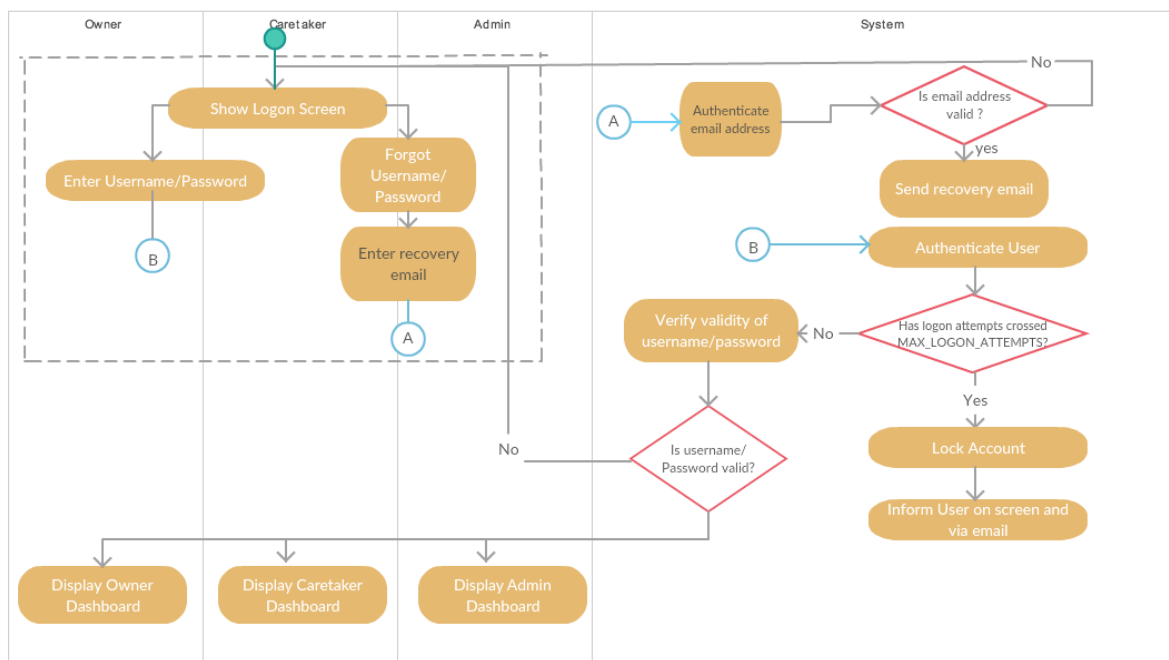
Login

RequirementID#: UR – 001, UR – 002, UR – 003, UR – 004, UR – 005, UR – 006, UR – 007

Use Case ID#: UC-02

Use case description: This use case deals with creating required functionality to allow an existing user to login to PetDiaries. It will also have functionalities built in to recover user credentials by entering the email address that the user had registered, and to lock a user account if there are too many login attempts with a bad password.

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User Registration

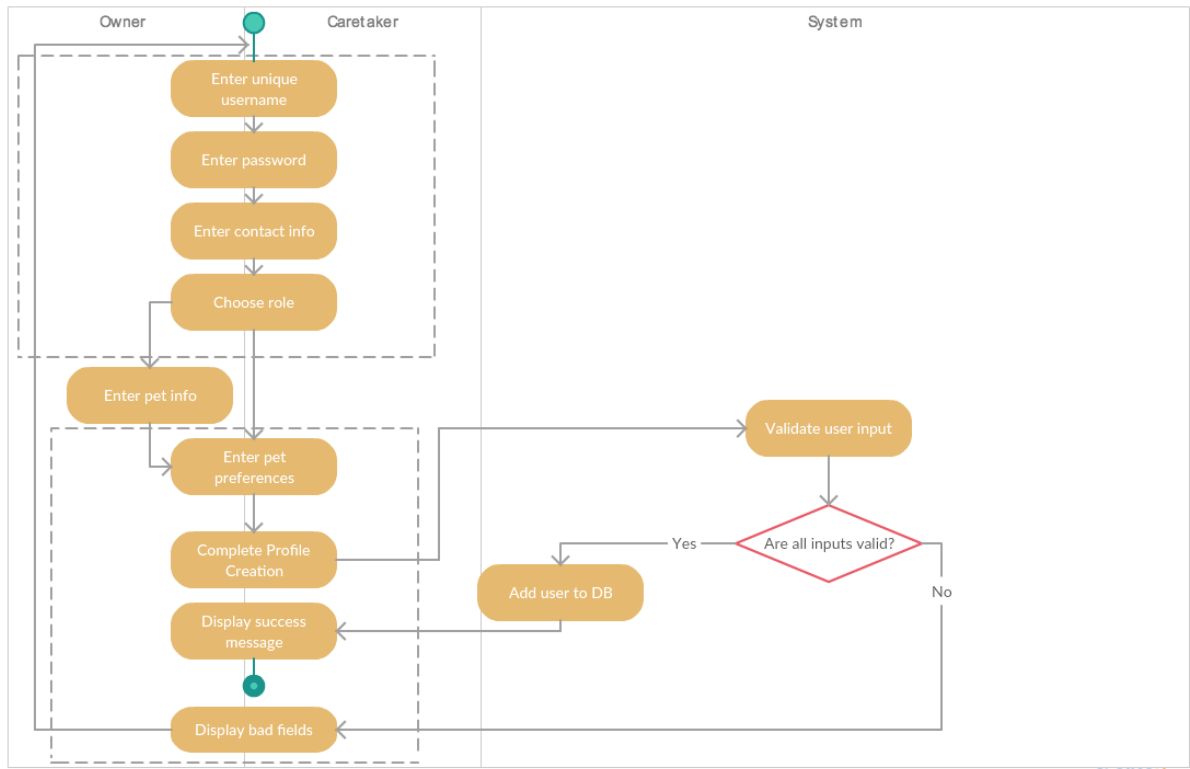
RequirementID#: UR – 031, UR – 032, UR – 033, UR – 034

Use Case ID#: UC-01

Use case description: This use case allows a new user to sign up for an account with Pet Diaries. The user will be prompted with a registration page where user can enter details such as desired role, pet preferences, contact information apart from username and password. Once the user submits these details, the System will verify the validity of user input, and create a new user if on valid input. Else the user will be asked to reenter valid data.

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UML



User Interactions/ Sequence Diagrams

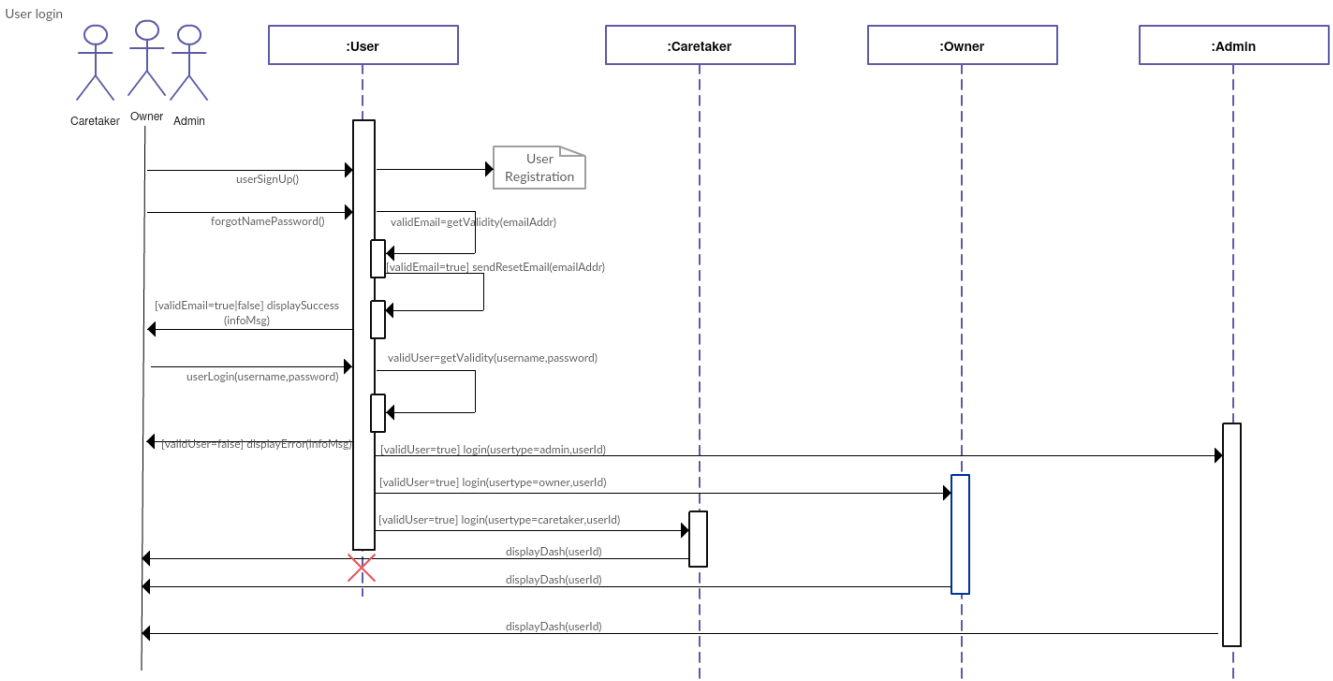
Login

RequirementID#: UR – 001, UR – 002, UR – 003, UR – 004, UR – 005, UR – 006, UR – 007

Use Case ID#: UC-02

Use case description: This use case deals with creating required functionality to allow an existing user to login to PetDiaries. It will also have functionalities built in to recover user credentials by entering the email address that the user had registered, and to lock a user account if there are too many login attempts with a bad password.

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User Registration

RequirementID#: UR – 031, UR – 032, UR – 033, UR - 034

Use Case ID#: UC-01

Use case description: This use case allows a new user to sign up for an account with Pet Diaries. The user will be prompted with a registration page where user can enter details such as desired role, pet preferences, contact information apart from username and password. Once the user submits these details, the System will verify the validity of user input, and create a new user if on valid input. Else the user will be asked to reenter valid data.

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User registration

