



# Pet Diaries

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# Overview of presentation

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- Introduction
- Functionality
- Implementation
- Challenges Faced

- Link to final code:

[https://github.com/game3166/Pet\\_Diaries/blob/master/51\\_PetDiaries\\_FinalCode.zip](https://github.com/game3166/Pet_Diaries/blob/master/51_PetDiaries_FinalCode.zip)

# Introduction and overview

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- This project provides service for pet owners to find caretakers for their pets while the owners are away
- The application also enables caretakers to volunteer to take care of pets



# Functionality for Actors

## Owners



Pet owners raise a request enquiring for caretakers available to take care of their pets for a duration of time.

## Caretakers



Caretakers are users who are willing to take care of pets, and will accept owner requests.

## Admin



Admins are Pet Diaries administrative users who maintain the Pet Diaries system- they monitor requests, hear feedback and enable smooth operation

# Functionalities supported by Pet Diaries

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1. Registration with Pet Diaries
2. Login to Pet Diaries
3. Owners can raise requests
4. Caretakers can accept requests
5. Owners and caretakers can chat with each other before arriving at a decision using Pet Diaries Chat Interface
6. Owners and caretakers agree upon a virtual agreement

## Admin Functionalities:

1. Admin user monitors and approves requests
2. Admin user sends expiry notification to long term absentee users
3. Admin user can delete expired profiles

# Implementation

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- Spring MVC
  1. Helped wire different components together
  2. Dependency injection
- Hibernate

Hibernate used to for all SQL queries.
- Open for extension – closed for modification

Followed throughout design of Pet Diaries.



# Challenges Faced

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- Getting up the project idea to map into the Spring MVC and Hibernate framework
- Testing the web sockets for chat interface
- Integrating and unifying the various functionality of the project

Thank you!

