**User Stories & Acceptance Criteria**

**User Private Messaging Integration**

* As a user, I want to send a message to another user so we can communicate privately.
* Acceptance Criteria:
  + Users must be logged in to send messages.
  + Messages should be stored in the database with sender and receiver IDs.
  + Receivers get notified of new messages.
* As a user, I want to view my message history with another user to keep track of our conversations.
* Acceptance Criteria:
  + Users must be logged in to view messages.
  + All messages between the user and the selected contact are displayed in chronological order.

**Admin User Management & Profile Integration**

* As an admin, I want to be able to edit the details of an existing user account, such as their username, email, and role, so that I can update user information as needed.
* Acceptance Criteria:
  + Given that I am logged in as an admin, when I view the user list, then I should see an option to edit each user's account details.
  + When I click on the edit option for a specific user, then I should be able to modify their username, email, password, and role.
  + The updated user details should be reflected in the user list after saving.
* As an admin, I want to be able to deactivate a user account, so that the user can no longer access the system.
* Acceptance Criteria:
  + Given that I am logged in as an admin, when I view the user list, then I should see an option to deactivate each user account.
  + When I deactivate a user account, then the user should no longer be able to log in to the system.
  + The deactivated user account should be clearly marked as inactive in the user list.
* As an admin, I want to be able to view the profile information of a specific user, including their username, email, role, and any additional details, so that I can review user details when necessary.
* Acceptance Criteria:
  + Given that I am logged in as an admin, when I click on a user's profile in the user list, then I should be able to view their profile details.
  + The user profile should display the user's username, email, role, and any additional information stored in their profile.
  + The user profile page should provide options to edit or deactivate the user's account.

**User Searching Integration**

* As a basic user, I want to search for other users so that I can connect with them.
* Acceptance Criteria:
  + Basic users can access the search functionality from the user interface.
  + Basic users can enter search queries (e.g., name, username) into the search bar.
  + Basic users receive search results that only include activated users.
  + Deactivated users are excluded from the search results displayed to basic users.
* As an admin, I want to search for users, including both activated and deactivated users, to manage the user database effectively.
* Acceptance Criteria:
  + Admin users can access the search functionality from the user interface.
  + Admins can enter search queries (e.g., name, username) into the search bar.
  + Admins receive search results that include both activated and deactivated users.
  + Deactivated users are clearly marked or indicated in the search results for admins.

**Post, View Post & Dashboard Implementation**

* As a pet owner, I want to create a new post about my missing pet so that I can share details and enlist the help of the community to find them.
* Acceptance Criteria :
  + Pet owners can access the "Create Post" feature from the main navigation.
  + The "Create Post" form includes fields for title, description, latitude (lat), longitude (lng), reward (if any), type of pet (e.g., dog, cat), images, and tags (e.g., breed, color).
  + Users can submit the form to create a new post, which then becomes visible on the platform to other users.
  + The system requires 'title', 'description', 'lat', 'lng', and 'type' fields to be filled to submit the form, ensuring all necessary details are provided.
  + Upon submission, the user receives a confirmation message, and the post is assigned a unique 'user\_id' correlating with the user's account.
* As a community member, I want to view detailed information about missing pets so that I can assist in the search or provide leads.
* Acceptance Criteria :
  + Community members can view a list of recent missing pet posts on the dashboard or main page.
  + Each post in the list includes a preview with the pet's name (title), a brief description, and a thumbnail image if available.
  + Users can click on a post to view its detailed page, which includes all provided information: title, full description, location (displayed on an interactive map using 'lat' and 'lng'), reward information, type of pet, images, and tags.
  + The detailed view allows users to see the exact location where the pet was last seen and any specific details that might aid in identification.