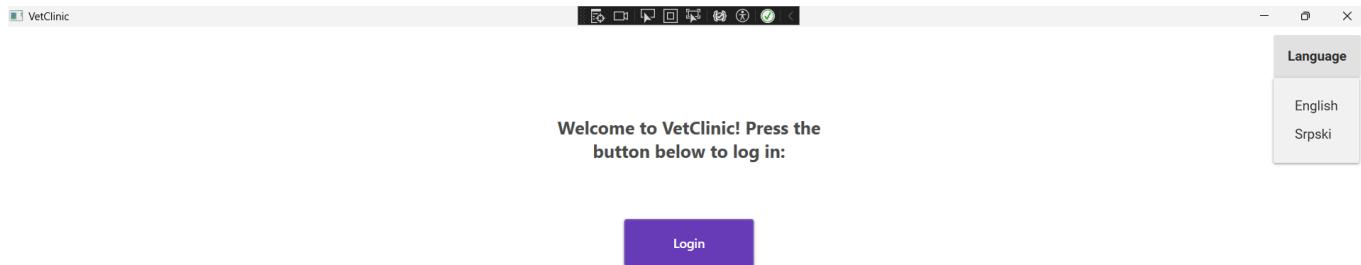


🐾 VetClinic – Veterinary Clinic Information System

This is a desktop WPF application designed for managing operations in a veterinary clinic. It includes role-based functionality for administrators and veterinarians, with shared features such as language settings and personal profile management.

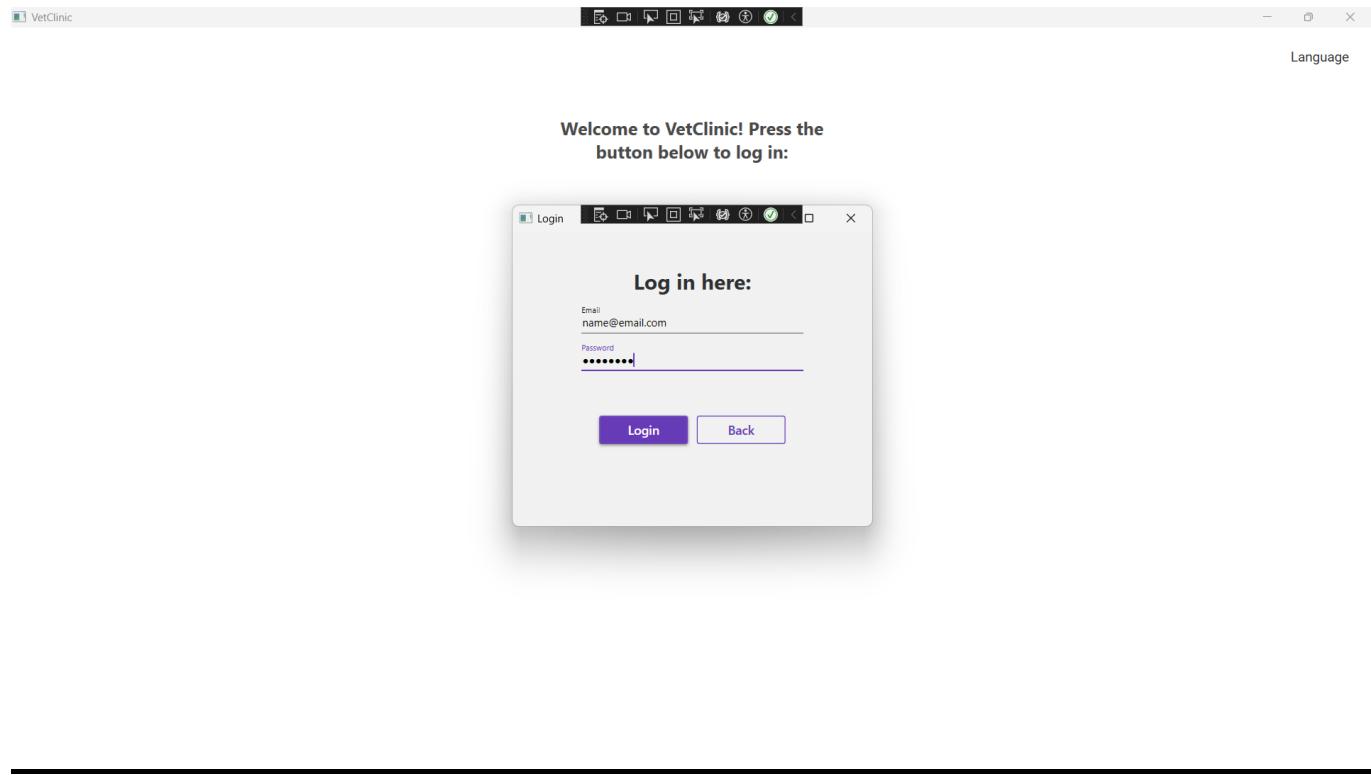
📱 Getting Started



This is the startup window. You can change the language using the selector in the upper-right corner. The application requires login credentials. Users are assigned one of the following roles:

- **Administrator**
- **Veterinarian**

Upon login, users are redirected to their appropriate dashboard based on their role.



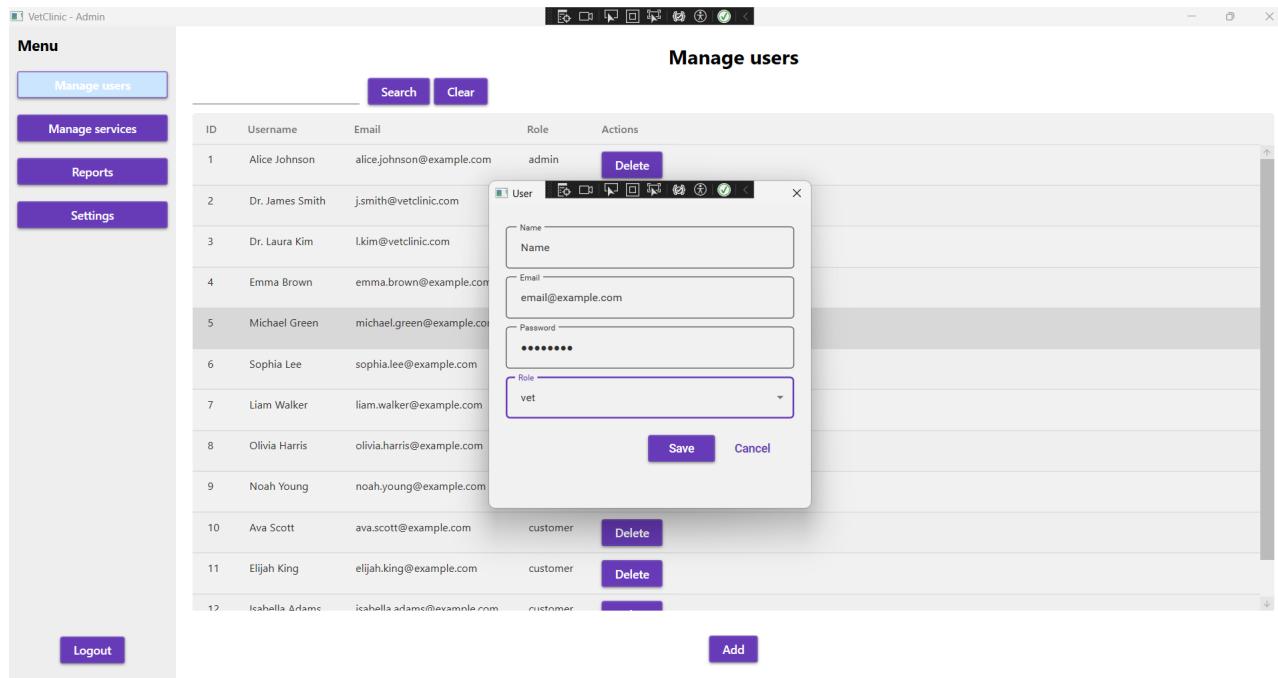
👤 Administrator Functionalities

🔒 User Management

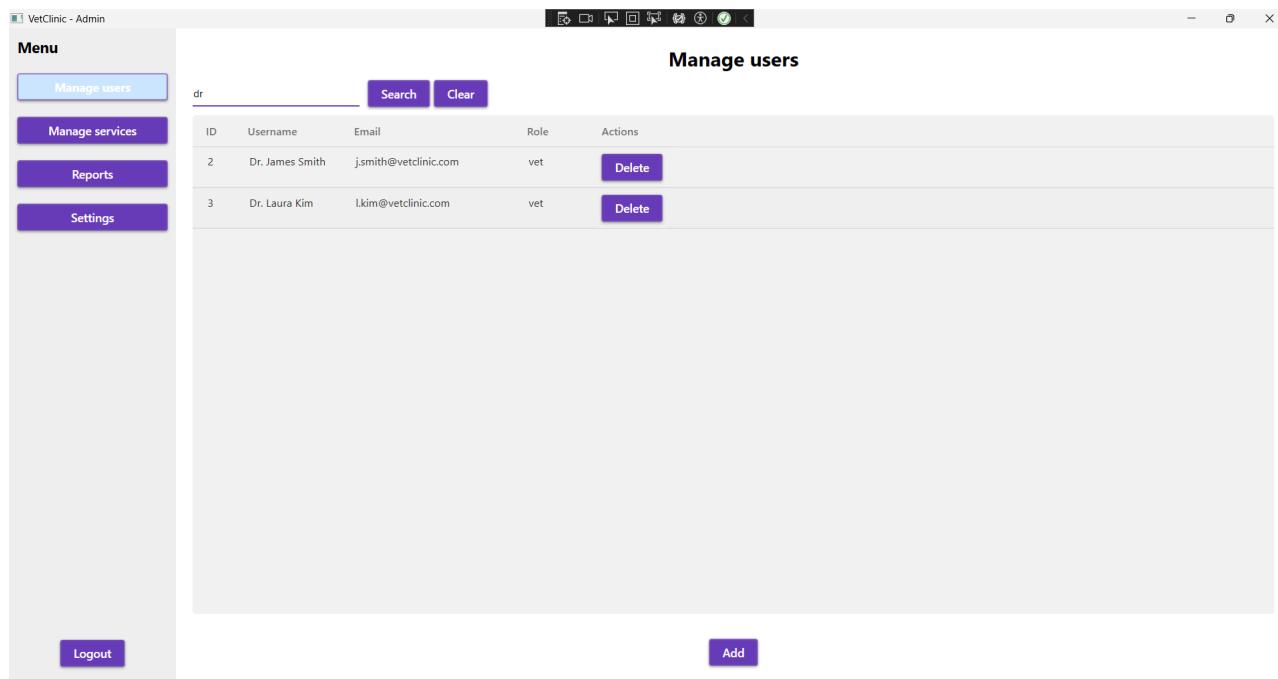
ID	Username	Email	Role	Actions
1	Alice Johnson	alice.johnson@example.com	admin	<button>Delete</button>
2	Dr. James Smith	j.smith@vetclinic.com	vet	<button>Delete</button>
3	Dr. Laura Kim	l.kim@vetclinic.com	vet	<button>Delete</button>
4	Emma Brown	emma.brown@example.com	customer	<button>Delete</button>
5	Michael Green	michael.green@example.com	customer	<button>Delete</button>
6	Sophia Lee	sophia.lee@example.com	customer	<button>Delete</button>
7	Liam Walker	liam.walker@example.com	customer	<button>Delete</button>
8	Olivia Harris	olivia.harris@example.com	customer	<button>Delete</button>
9	Noah Young	noah.young@example.com	customer	<button>Delete</button>
10	Ava Scott	ava.scott@example.com	customer	<button>Delete</button>
11	Elijah King	elijah.king@example.com	customer	<button>Delete</button>
12	Icahella Adams	icahella.adams@example.com	customer	<button>Delete</button>

Manage clinic staff such as veterinarians. You can:

- Add new users:



- Search users:



- Soft-delete users (mark as inactive):

Manage users

ID	Username	Email	Role	Actions
1	Alice Johnson	alice.johnson@example.com	admin	<button>Delete</button>
2	Dr. James Smith	j.smith@vetclinic.com	vet	<button>Delete</button>
3	Dr. Laura Kim	l.kim@vetclinic.com	vet	<button>Delete</button>
4	Emma Brown	emma.brown@example.com	customer	<button>Delete</button>
5	Michael Green	michael.green@example.com	customer	<button>Delete</button>
6	Sophia Lee	sophia.lee@example.com	customer	<button>Delete</button>
7	Liam Walker	liam.walker@example.com	customer	<button>Delete</button>
8	Olivia Harris	olivia.harris@example.com	customer	<button>Delete</button>
9	Noah Young	noah.young@example.com	customer	<button>Delete</button>
10	Ava Scott	ava.scott@example.com	customer	<button>Delete</button>
11	Elijah King	elijah.king@example.com	customer	<button>Delete</button>
12	Isabella Adams	isabella.adams@example.com	customer	<button>Delete</button>

Add

Service Management

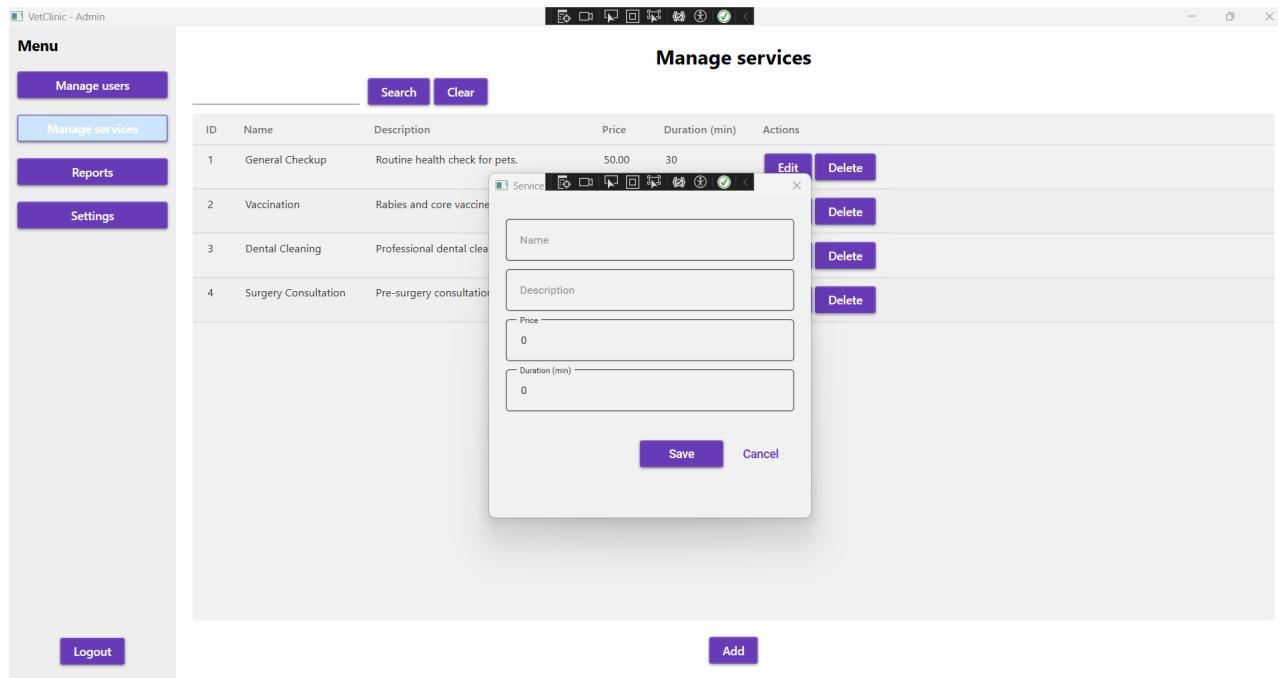
Manage services

ID	Name	Description	Price	Duration (min)	Actions
1	General Checkup	Routine health check for pets.	50.00	30	<button>Edit</button> <button>Delete</button>
2	Vaccination	Rabies and core vaccines.	40.00	20	<button>Edit</button> <button>Delete</button>
3	Dental Cleaning	Professional dental cleaning.	100.00	45	<button>Edit</button> <button>Delete</button>
4	Surgery Consultation	Pre-surgery consultation and assessment.	80.00	60	<button>Edit</button> <button>Delete</button>

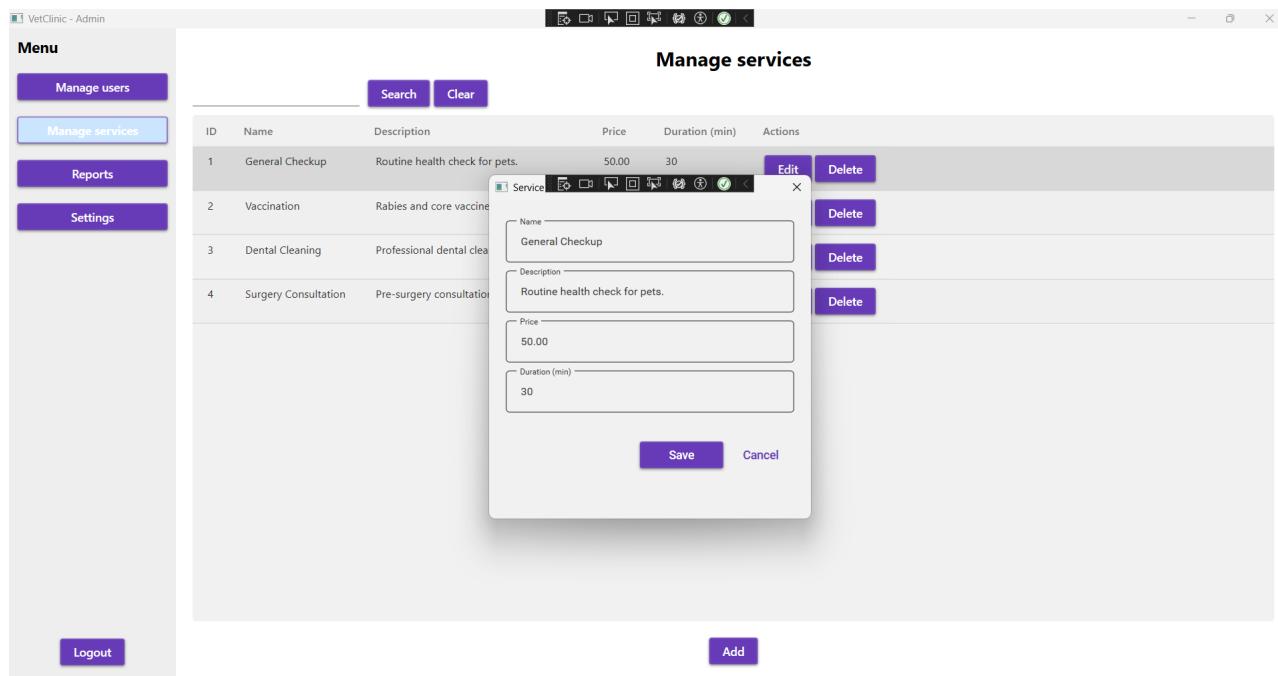
Add

Maintain the list of services offered at the clinic. You can:

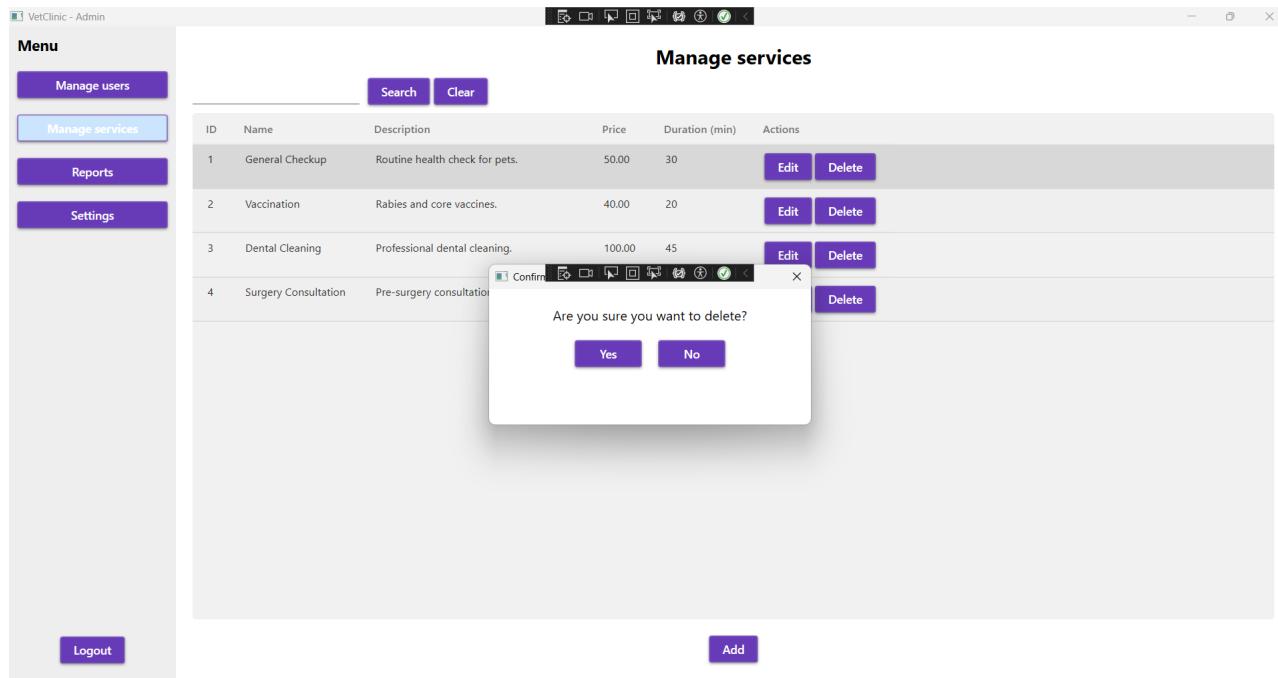
- Add services:



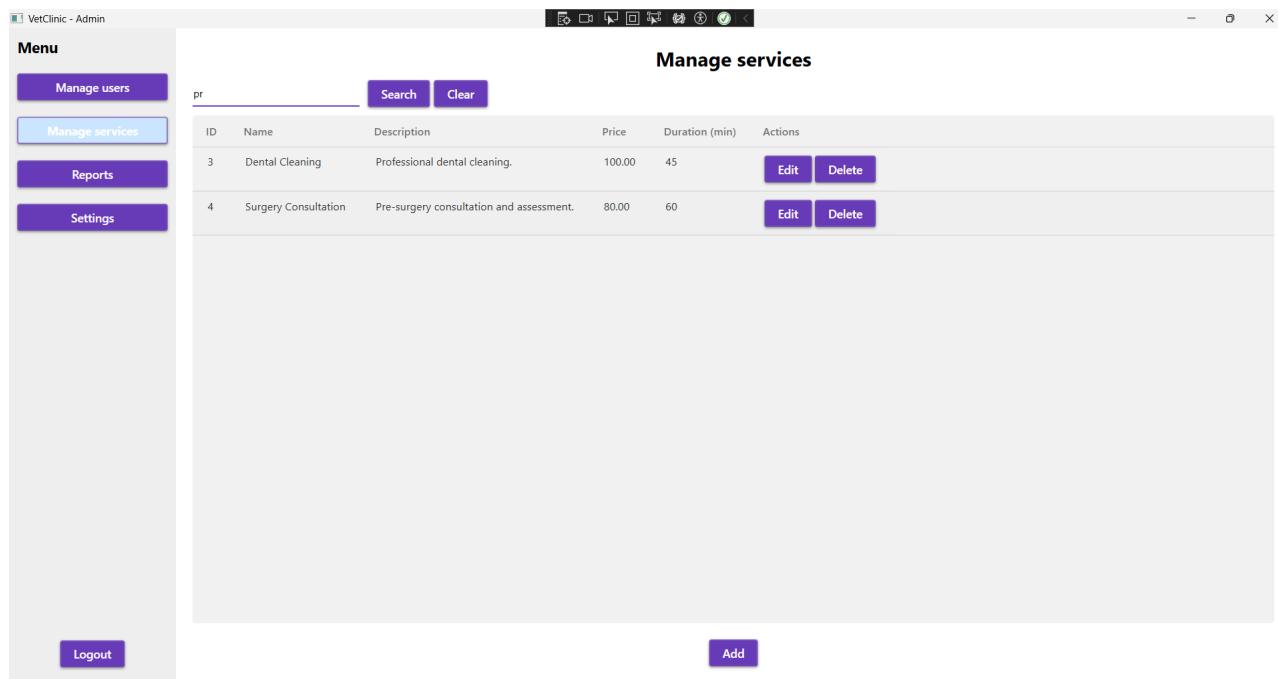
- Edit services:



- Soft-delete services (mark as inactive):



- Search services using the search bar:



Reports and Financial Overview

Reports

Payments

Date	Amount	User
6/1/2025 10:30:00 AM	50.00	Emma Brown
6/2/2025 11:15:00 AM	40.00	Michael Green
5/10/2025 9:30:00 AM	50.00	Liam Walker
5/15/2025 10:45:00 AM	40.00	Olivia Harris
5/20/2025 1:30:00 PM	100.00	Noah Young

Unpaid services

Status	Amount	User	Actions
overdue	80.00	Emma Brown	User details
pending	100.00	Sophia Lee	User details
pending	80.00	Ava Scott	User details
overdue	50.00	Elijah King	User details
pending	40.00	Isabella Adams	User details

Income over time

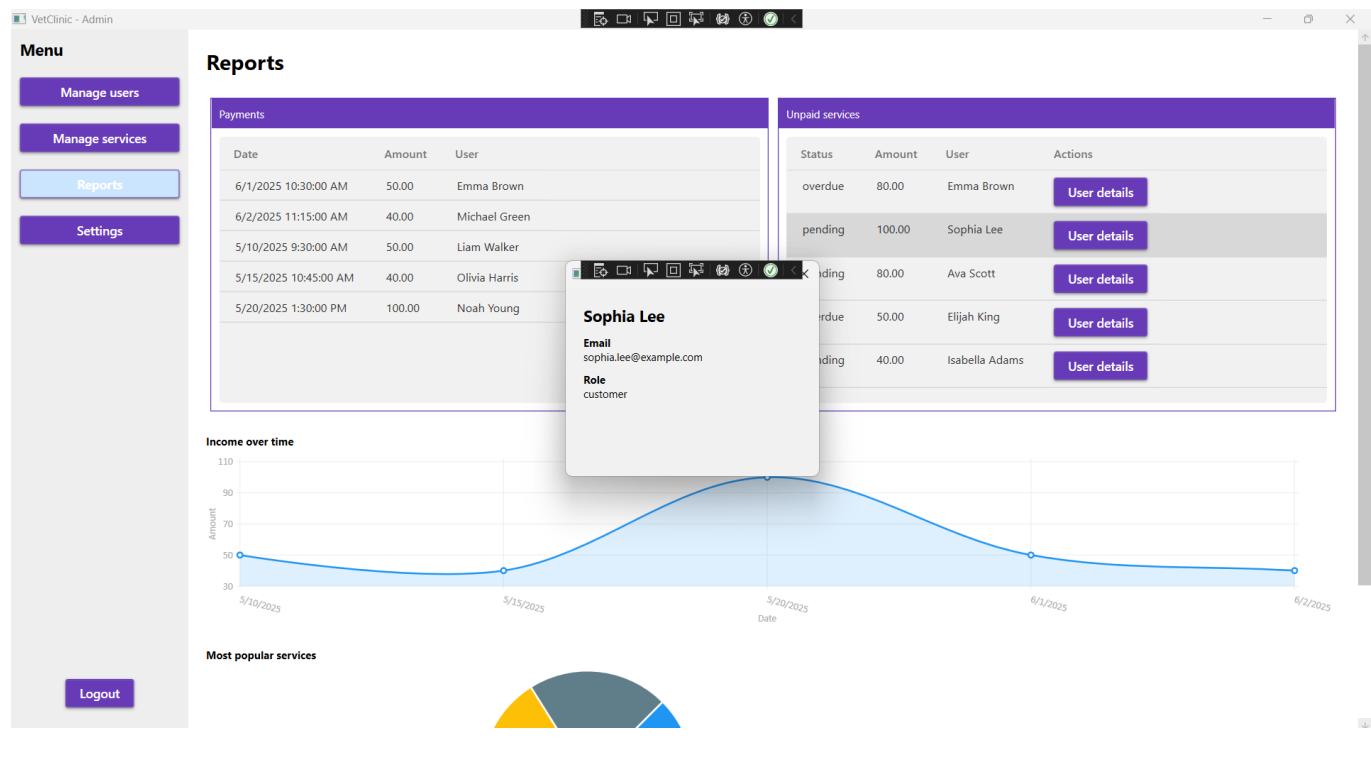
Most popular services

Logout

Gain insight into clinic performance. Features include:

- Table of completed payments
- List of unpaid services with user details
- Line chart of income over time
- Pie chart of most popular services

To view additional details about a user, click the **User Details** button:



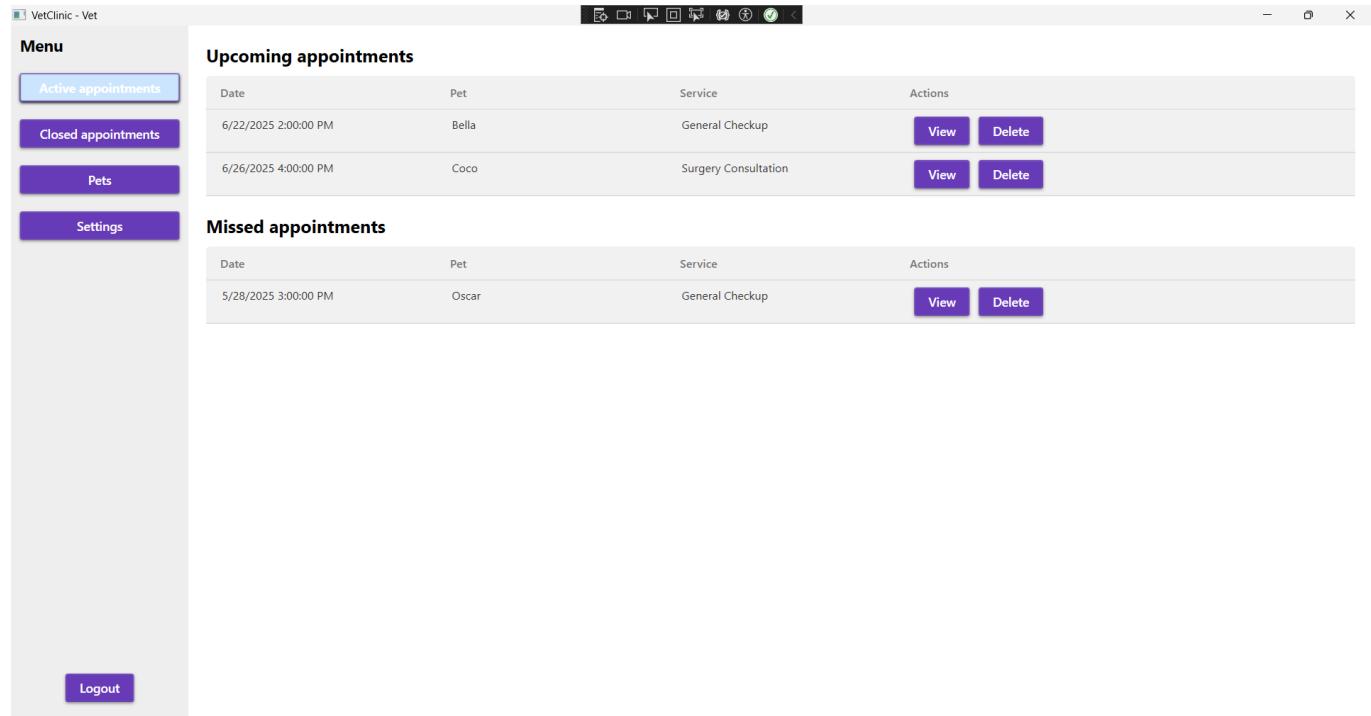
The screenshot shows the VetClinic Admin application interface. On the left, a sidebar menu includes 'Manage users', 'Manage services', 'Reports' (which is selected and highlighted in blue), and 'Settings'. The main content area is titled 'Reports' and contains three sections: 'Payments' (listing transactions for Emma Brown, Michael Green, Liam Walker, Olivia Harris, and Noah Young), 'Unpaid services' (listing Sophia Lee, Sophia Lee, Ava Scott, Elijah King, and Isabella Adams with their respective statuses, amounts, and 'User details' buttons), and 'Income over time' (a line graph showing income fluctuations from May 10 to June 2, with a peak around May 20). Below these is a 'Most popular services' section with a donut chart. A modal window is open for 'Sophia Lee', showing her email (sophia.lee@example.com) and role (customer). A 'Logout' button is at the bottom left.

Veterinarian Functionalities

Appointment Management

Veterinarians can view and manage appointments that do not yet have medical records:

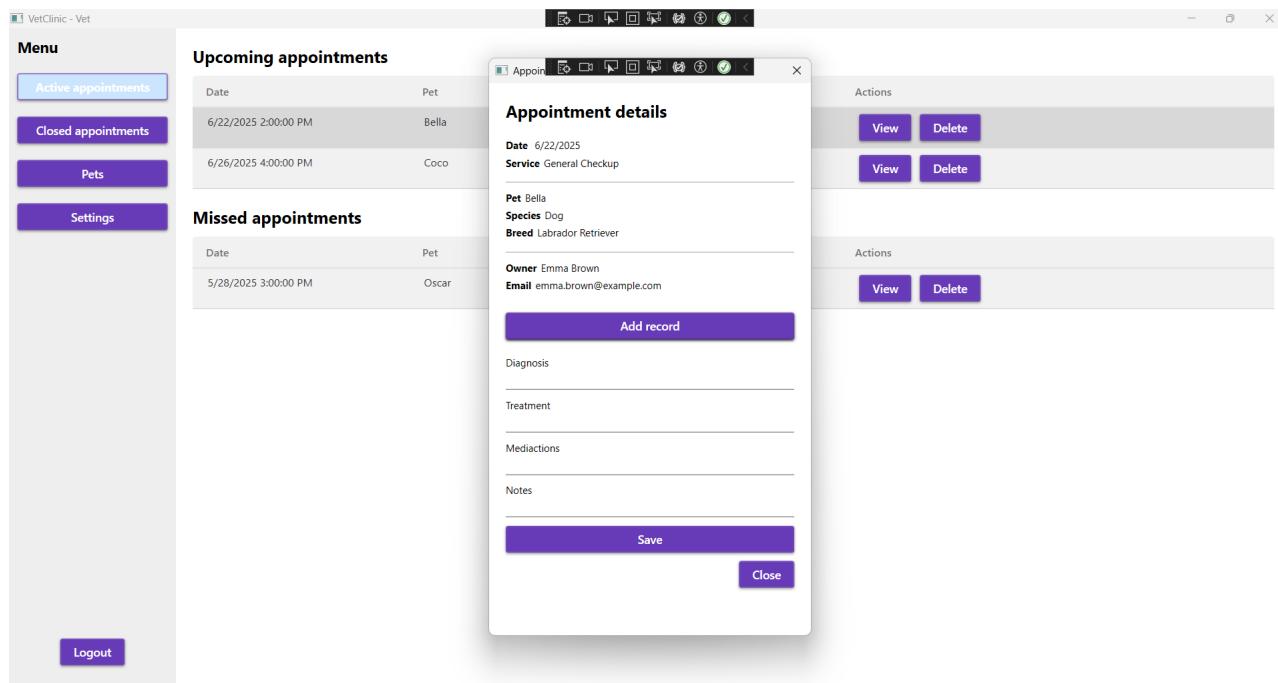
- Upcoming appointments
- Missed appointments (i.e., appointments in the past without a record)



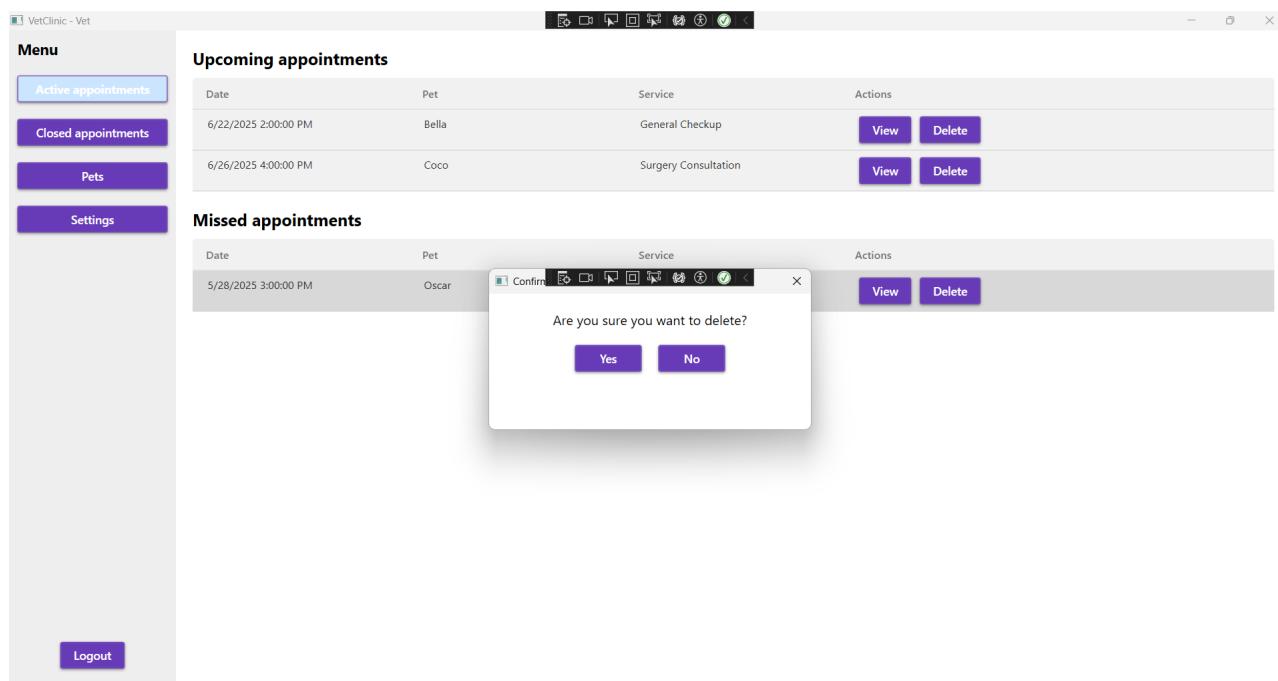
The screenshot shows the VetClinic Vet application interface. On the left, a sidebar menu includes 'Active appointments' (selected and highlighted in blue), 'Closed appointments', 'Pets', and 'Settings'. The main content area is titled 'Upcoming appointments' and lists two entries: '6/22/2025 2:00:00 PM' for 'Bella' with 'General Checkup' and 'Actions' buttons for 'View' and 'Delete'. Below this is a 'Missed appointments' section with one entry: '5/28/2025 3:00:00 PM' for 'Oscar' with 'General Checkup' and 'Actions' buttons for 'View' and 'Delete'. A 'Logout' button is at the bottom left.

Veterinarians can:

- View appointment details and add a medical record (Diagnosis, Treatment, Medications, Notes):



- Cancel appointments if necessary (soft delete them):



Appointments are filtered by ascending date.

Closed Appointments

View all past appointments that already have an associated medical record.

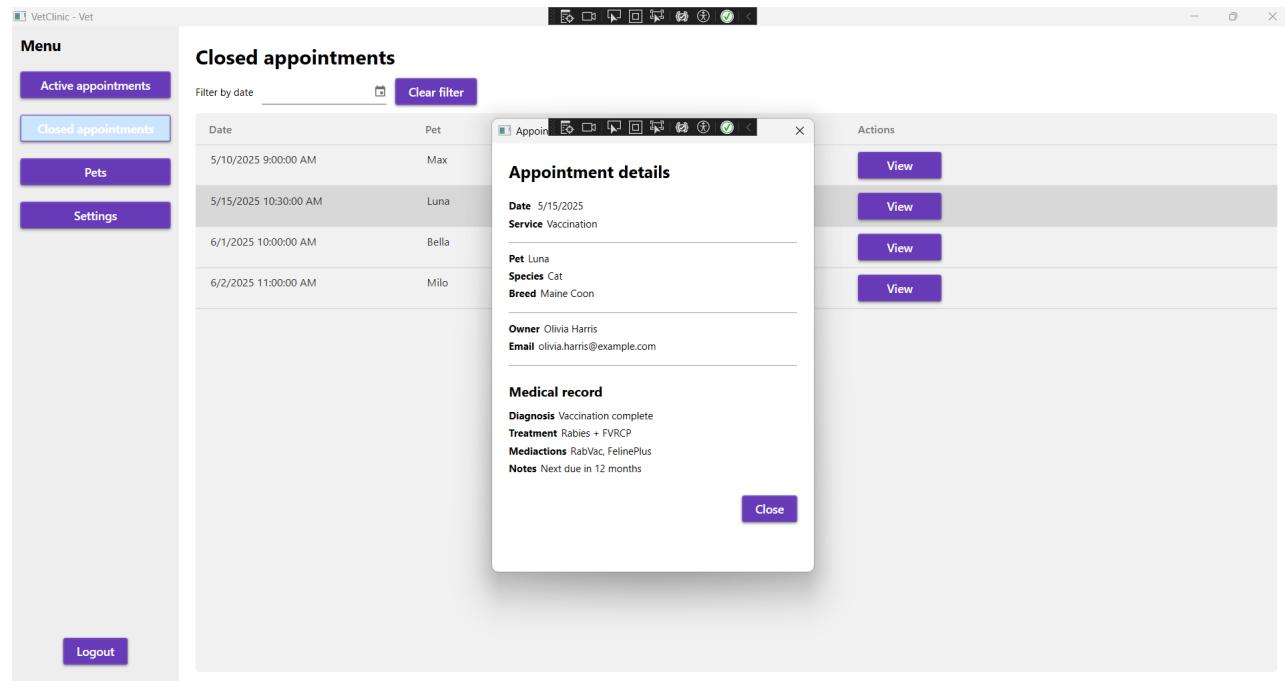
Date	Pet	Service	Actions
5/10/2025 9:00:00 AM	Max	General Checkup	View
5/15/2025 10:30:00 AM	Luna	Vaccination	View
6/1/2025 10:00:00 AM	Bella	General Checkup	View
6/2/2025 11:00:00 AM	Milo	Vaccination	View

Veterinarians can:

- Filter closed appointments by date:

Date	Pet	Service	Actions
6/1/2025 10:00:00 AM	Bella	General Checkup	View

- View details of any closed appointment:



Pets Overview

Pets

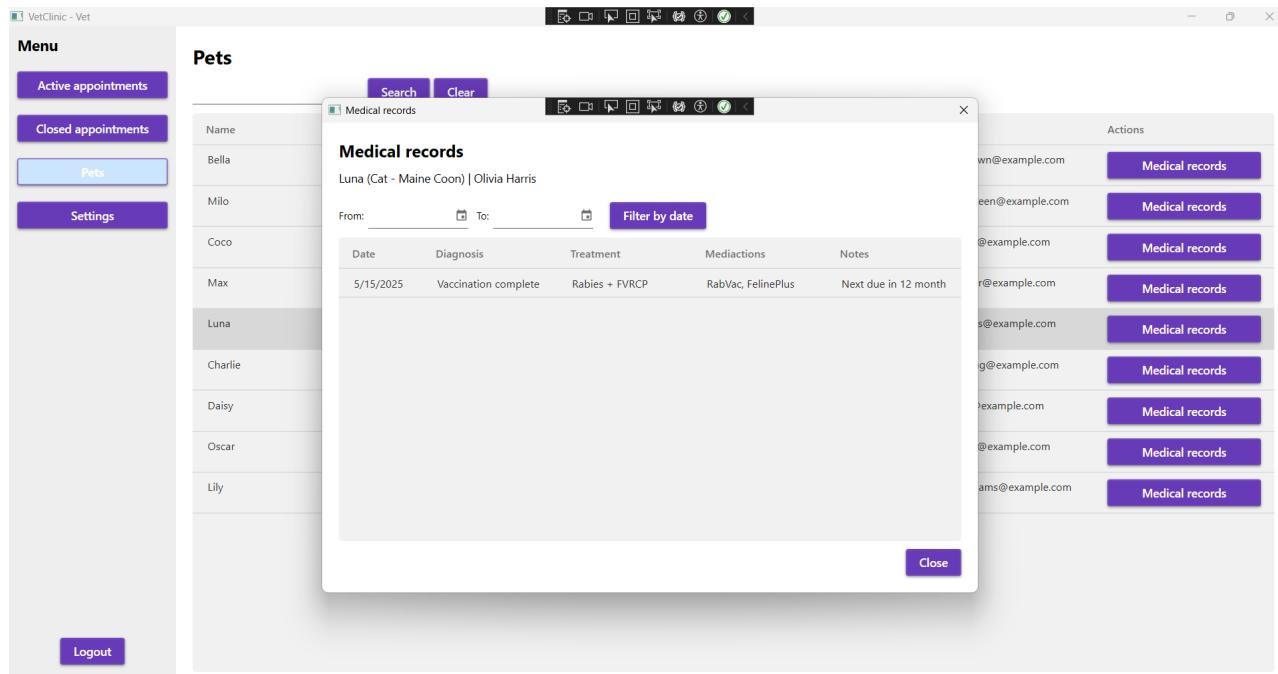
[Search](#) [Clear](#)

Name	Species	Breed	Owner	Email	Actions
Bella	Dog	Labrador Retriever	Emma Brown	emma.brown@example.com	Medical records
Milo	Cat	Siamese	Michael Green	michael.green@example.com	Medical records
Coco	Dog	Poodle	Sophia Lee	sophia.lee@example.com	Medical records
Max	Dog	Beagle	Liam Walker	liam.walker@example.com	Medical records
Luna	Cat	Maine Coon	Olivia Harris	olivia.harris@example.com	Medical records
Charlie	Rabbit	Lop	Noah Young	noah.young@example.com	Medical records
Daisy	Dog	German Shepherd	Ava Scott	ava.scott@example.com	Medical records
Oscar	Parrot	African Grey	Elijah King	elijah.king@example.com	Medical records
Lily	Cat	British Shorthair	Isabella Adams	isabella.adams@example.com	Medical records

[Logout](#)

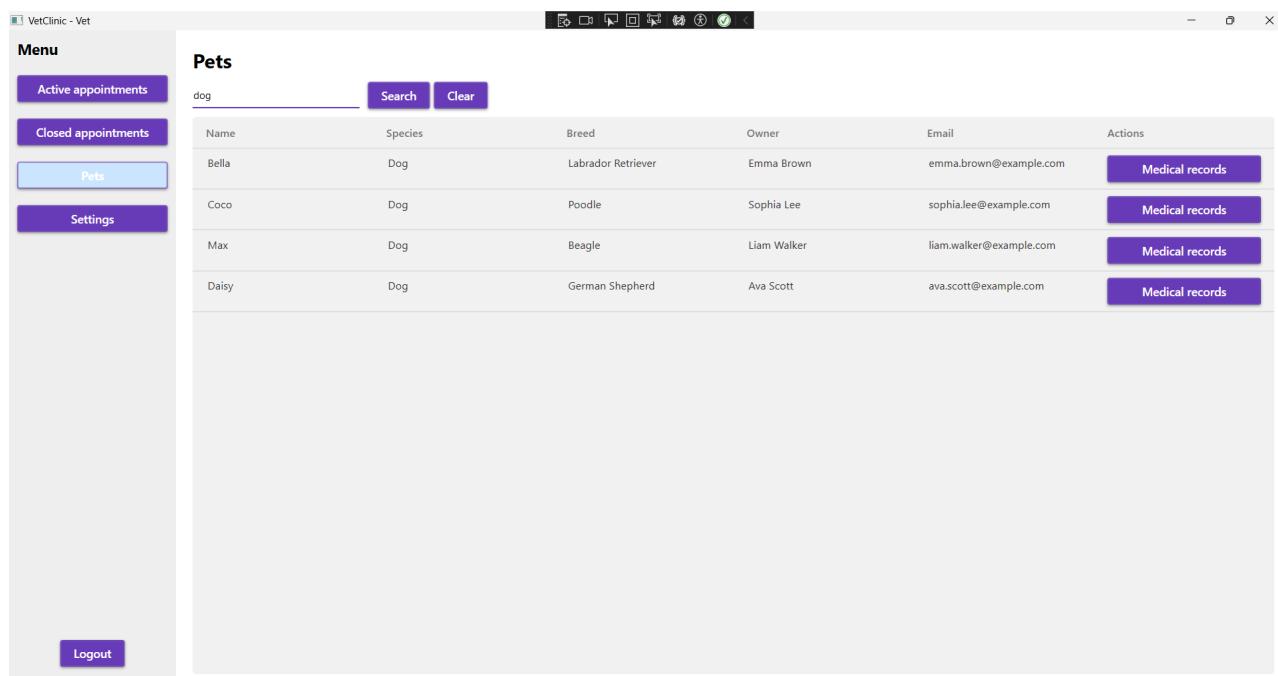
Veterinarians can:

- See all pets along with their owners
- View medical records for a selected pet and filter them by date:



The screenshot shows the VetClinic software interface. On the left, a sidebar menu includes 'Active appointments', 'Closed appointments', 'Pets' (which is selected and highlighted in blue), and 'Settings'. At the bottom of the sidebar is a 'Logout' button. The main content area is titled 'Pets' and shows a list of pets: Bella, Milo, Coco, Max, Luna, Charlie, Daisy, Oscar, and Lily. A modal window titled 'Medical records' is open for pet 'Luna'. The modal has a 'Search' and 'Clear' button at the top. It displays the text 'Luna (Cat - Maine Coon) | Olivia Harris'. Below this are date range fields 'From:' and 'To:' with a 'Filter by date' button. A table then lists Luna's medical history: Date (5/15/2025), Diagnosis (Vaccination complete), Treatment (Rabies + FVRCP), Medications (RabVac, FelinePlus), and Notes (Next due in 12 month). At the bottom of the modal is a 'Close' button. To the right of the modal, a vertical list of email addresses with 'Medical records' buttons is visible.

- Search for pets by pet name or owner's name:

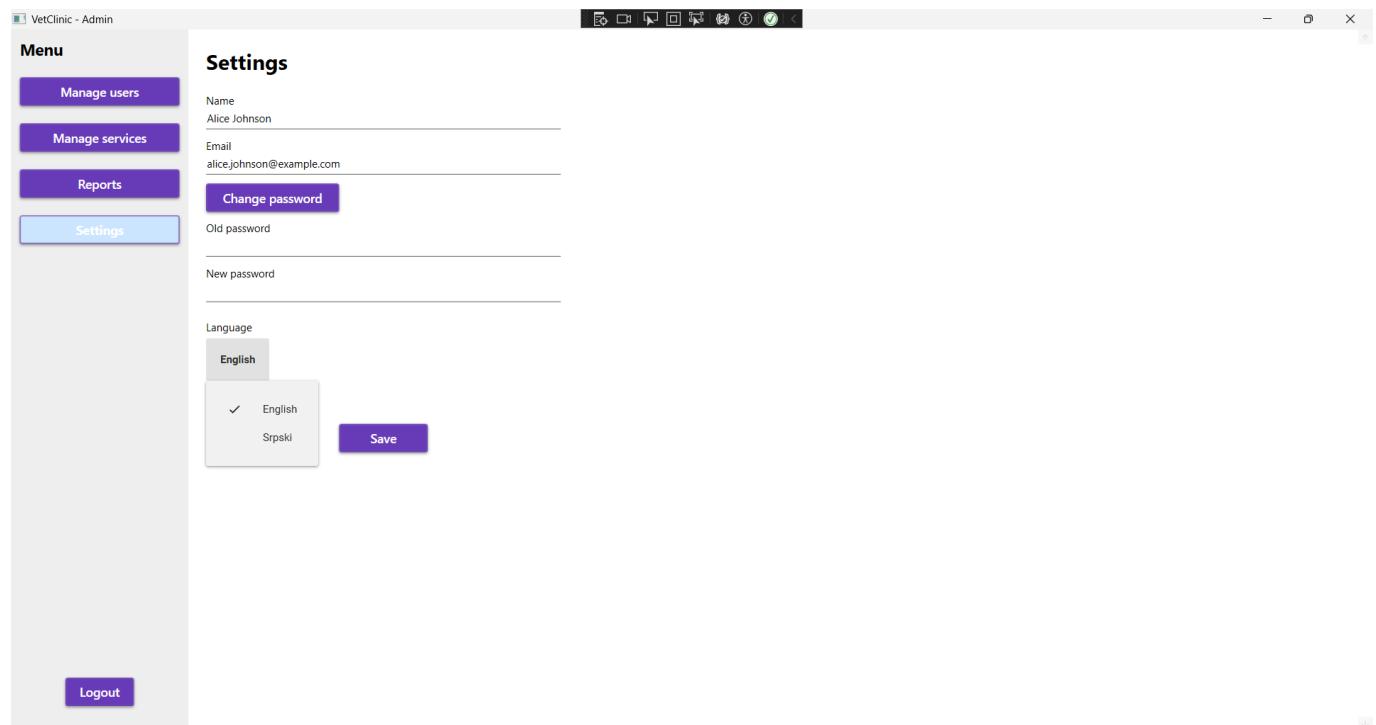


The screenshot shows the VetClinic software interface. The sidebar menu is identical to the previous screenshot. The main content area is titled 'Pets' and shows a list of pets. A search bar at the top of the list contains the text 'dog'. Below the search bar are 'Search' and 'Clear' buttons. The table lists the following information for each pet: Name, Species, Breed, Owner, Email, and Actions (a 'Medical records' button). The pets listed are Bella, Coco, Max, and Daisy.

Name	Species	Breed	Owner	Email	Actions
Bella	Dog	Labrador Retriever	Emma Brown	emma.brown@example.com	Medical records
Coco	Dog	Poodle	Sophia Lee	sophia.lee@example.com	Medical records
Max	Dog	Beagle	Liam Walker	liam.walker@example.com	Medical records
Daisy	Dog	German Shepherd	Ava Scott	ava.scott@example.com	Medical records

⚙️ Shared Settings (All Users)

🌐 Language & Profile Settings



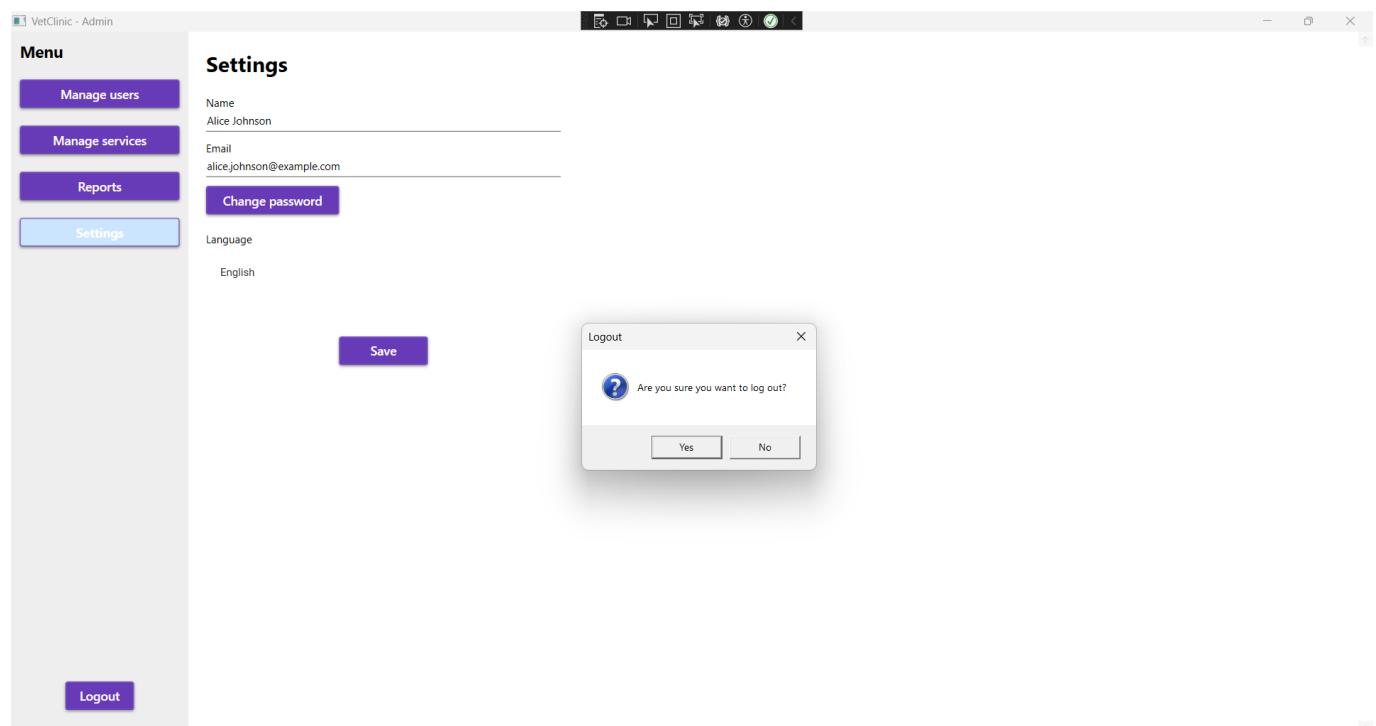
Each user can:

- Change the application language (English, Serbian – Srpski)
- Update personal information (name, email, password)

Changes take effect after clicking **Save Changes**.

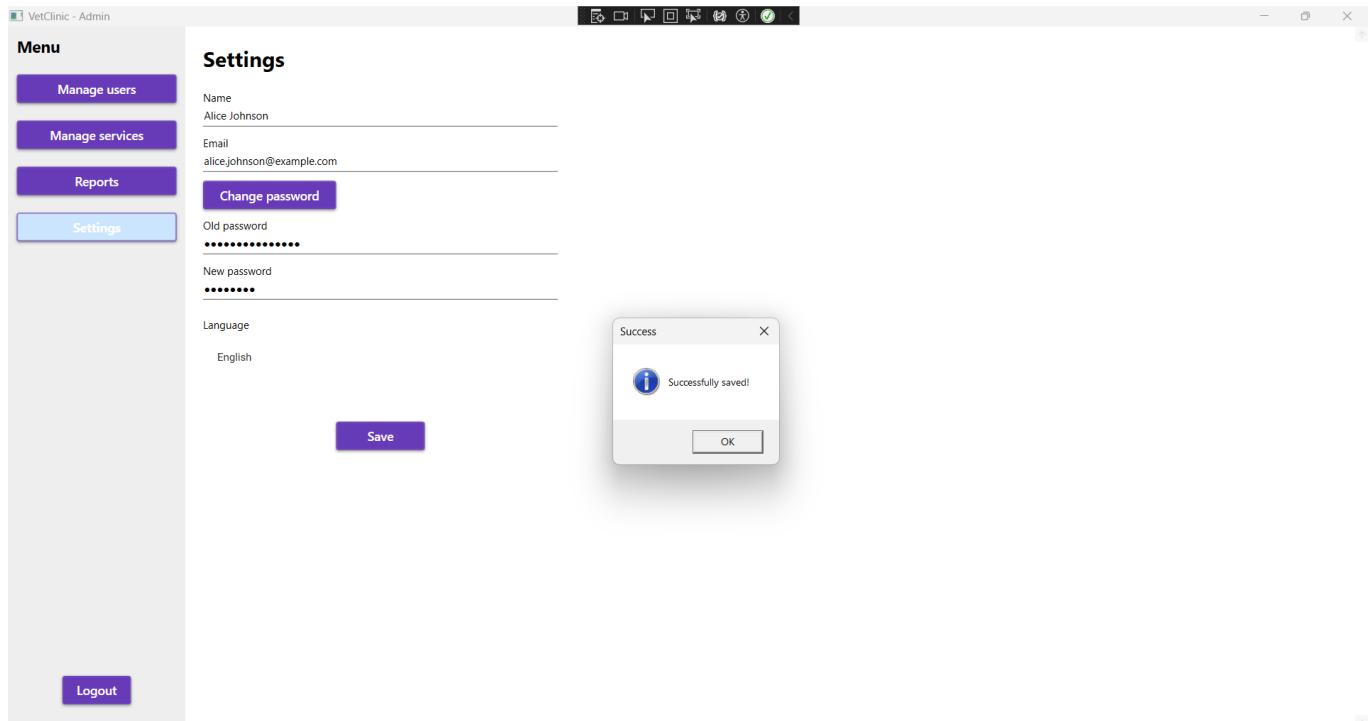
🔒 Logout Confirmation

When logging out, a confirmation dialog appears to prevent accidental logout.



Action Confirmation

Each successful user action is followed by a confirmation message. For example, after updating profile information:



Technologies Used

- **WPF (.NET)**
- **MVVM Architecture**
- **Entity Framework Core**
- **MySQL**
- **LiveCharts for Graphs**
- **Material Design in XAML Toolkit**

Notes

- All deletions in the system are **soft deletes**, meaning data remains in the database but is hidden from the user interface.
- The application is designed to support future expansion (e.g., reception roles, pet grooming modules) and adding new localizations.

Make sure all screenshots referenced in this document are placed inside the `Screenshots/` folder of the repository.