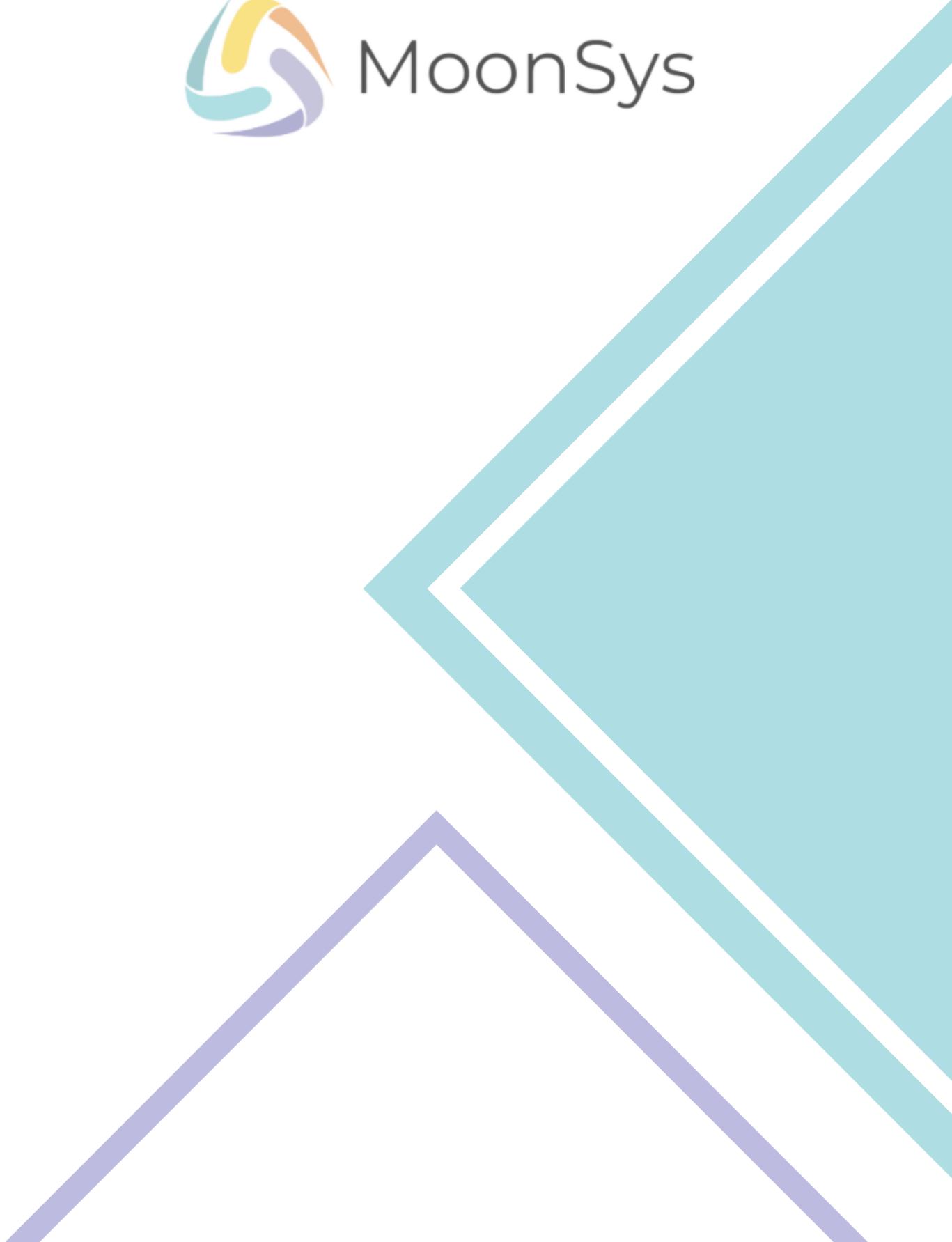




# **COMPREHENSIVE ANIMAL MANAGEMENT SYSTEM (AMS)**

Web Application





# INTRODUCTION

- The Animal Management System (AMS) is a digital platform designed to modernize how animal care facilities operate.
- It enables animal shelters, veterinary clinics, and adoption centers to efficiently manage animal records, care schedules, and adoptions within one centralized, cloud-powered system.
- AMS transforms traditional, manual processes into a smart, data-driven, and automated ecosystem, ensuring better animal welfare and smoother facility operations.





- 01 **Fragmented Management:** Health records, care schedules, and adoption tracking were managed separately.
- 02 **Data Inaccuracy:** Manual record-keeping led to missing or outdated health information.
- 03 **Time Inefficiency:** Administrative tasks consumed valuable staff time.
- 04 **Low Adoption Rates:** Lack of proper matching tools made it harder to connect animals with suitable adopters.
- 05 **No Central System:** Each department worked in isolation, resulting in coordination issues.

*These inefficiencies ultimately affected both operational performance and animal well-being.*

## CHALLENGES FACED





# OUR SOLUTION

*AMS was designed as a complete digital ecosystem that brings all animal care processes under one intelligent system.*

The screenshot displays the 'Smart Vet Consult' user interface. At the top, there is a navigation bar with 'Dashboard', 'Mijn dieren', 'Boeking', 'Facturen', and a user profile for 'Hamza ali Khalid'. Below this, there are tabs for 'Persoonlijke gegevens', 'Dierenarts', 'Noodgevallen', and 'Financieel'. The main content area is titled 'Persoonlijke gegevens' and contains several form sections: 'Profielfoto' with an 'Upload profielfoto' button and a file input field; 'Persoonlijke gegevens' with fields for 'Bedrijf' (xyz), 'Aanhef' (Dhr.), 'Voorletters' (KKK), 'Voornaam' (hamza ali cake), and 'Achternaam' (khalidmehmood); and 'Adresgegevens' with fields for 'Straat + huisnummer' (shahdara), 'Postcode' (54000), and 'Plaats' (lahore). A 'Land' field is partially visible at the bottom. A 'Feedback' button is located in the bottom right corner of the form area.

- 01 Centralized Management:** All animal profiles, medical records, and adoption statuses are maintained in one platform.
- 02 Smart Scheduling:** Integrated calendar for vaccinations, health checkups, and grooming.
- 03 Adoption Matching Engine:** AI-driven compatibility-based adopter matching.
- 04 Data Insights:** Analytics dashboard for adoption trends, facility workload, and health tracking.
- 05 Cloud Scalability:** Built on AWS for performance, reliability, and scalability.

## Persoonlijke gegevens

### Profielfoto

Upload profielfoto

profielfoto.jpg

 Uploaden

### Persoonlijke gegevens

Bedrijf

xyz

Aanhef

Dhr. ▾

Voorletters

KKK.

Voornaam

hamza ali cake

Achternaam

khalidmehmood

### Adresgegevens

Straat + huisnummer

shahdara

Postcode

54000

Plaats

lahore

Land

[Feedback](#)



## Welkom terug, Ruben!

### Laatste boekingen

+ Nieuwe boeking

	Boeking		Datum / periode	Boekingsdatum	Betaalstatus	Acties
☀	#27473	Bevestigd	03-12-2022 - 07-12-2022	22-05-2022	Openstaand	Bekijk boeking
🌙	#27473	In afwachting	03-12-2022 - 07-12-2022	22-05-2022	Betaald	Bekijk boeking
🚶	#27473	Bevestigd	03-12-2022 - 07-12-2022	22-05-2022	Openstaand	Bekijk boeking
✂	#27473	Geannuleerd	03-12-2022 - 07-12-2022	22-05-2022	Verlopen	Bekijk boeking
🚶	#27473	Bevestigd	03-12-2022 - 07-12-2022	22-05-2022	Betaald	Bekijk boeking

### Mijn dieren

+ Nieuw dier toevoegen

Naam	Ras	Geboortedatum	Leeftijd	Acties
------	-----	---------------	----------	--------



# HOW IT WORKS

1

## **Animal Registration**

Each animal's details (photo, breed, age, medical records, and adoption status) are stored in the system.

2

## **Health & Care Scheduling**

- Staff can create and manage schedules for vaccinations, check-ups, and grooming sessions.
- Automated reminders prevent missed appointments.

3

## **Adoption Management**

- The system recommends compatible adopters based on preferences and animal profiles.
- Adopters can view, shortlist, and apply online.

4

## **Data Insights**

- Facility managers view analytics e.g,
  - Adoption trends
  - Health check compliance
  - Resource utilization
- Helps in planning and decision-making.

# KEY FEATURES



- ✓ **Animal Profile Management**  
*Comprehensive profiles with health, vaccination, and adoption details.*
- ✓ **Smart Scheduling**  
*Calendar-based system for managing care and appointments.*
- ✓ **Adoption Management**  
*Compatibility-based search and tracking for potential adopters.*
- ✓ **Data Analytics**  
*Real-time dashboards showing trends and performance metrics.*
- ✓ **User Access Control**  
*Role-based permissions for admins, staff, and adopters.*
- ✓ **Cloud Infrastructure**  
*Hosted on AWS (EC2, Lambda, DynamoDB) for reliability and scalability.*





# TECHNOLOGIES USED

Category	Technologies
Frontend	React, HTML5, CSS3
Backend	Node.js, Express.js
Database	MongoDB, AWS DynamoDB
Cloud Infrastructure	AWS Lambda, Amazon EC2
Other Tools	REST APIs, JSON-based data sync, AWS SDK

# KEY BENEFITS FOR CLIENTS



**Operational Efficiency:** 50% fewer admin tasks with centralized records.

**Data Accuracy:** Real-time updates remove manual errors.

**Adoption Rates:** Smart matching speeds up placements

**Animal Welfare:** Timely care improves health.

**Cost Reduction:** Automation lowers overhead.

**Scalability:** Cloud-based for multi-branch facilities.





# BUSINESS IMPACT



50% decrease in administrative workload.



30% improvement in animal adoption rates.



Zero missed appointments due to automated scheduling.



100% digitization of animal health records.



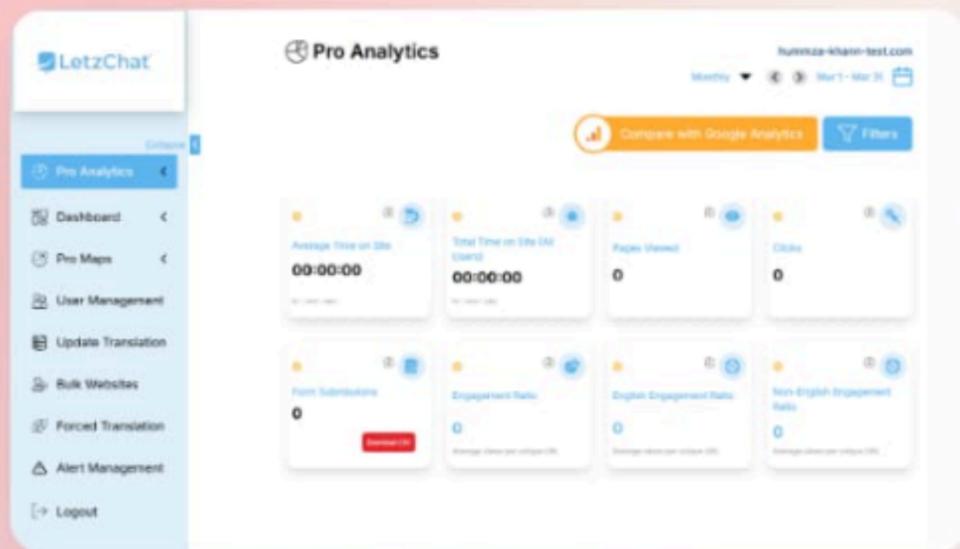
Real-time access to analytics and insights.



Improved collaboration among staff, volunteers, and management.

## Build Business Software You Actually Want

Transform your ideas into powerful, scalable software solutions with our expert development team



# WHY CHOOSE MOONSYS



In-house team skilled in AI, NLP, and cloud systems



Expertise in media accessibility & workflow automation



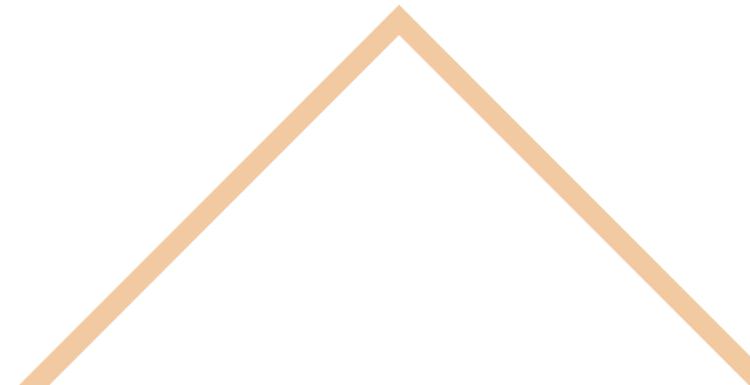
Proven experience in AI-powered translation systems



Dedicated to scalable, secure, and user-friendly solutions



Trusted by creators & businesses worldwide



# LET'S MAKE YOUR CONTENT GLOBAL

**Connect with us.**

 **+1 307-278-4480**

 **[www.moonsys.co](http://www.moonsys.co)**

 **[admin@moonsys.co](mailto:admin@moonsys.co)**