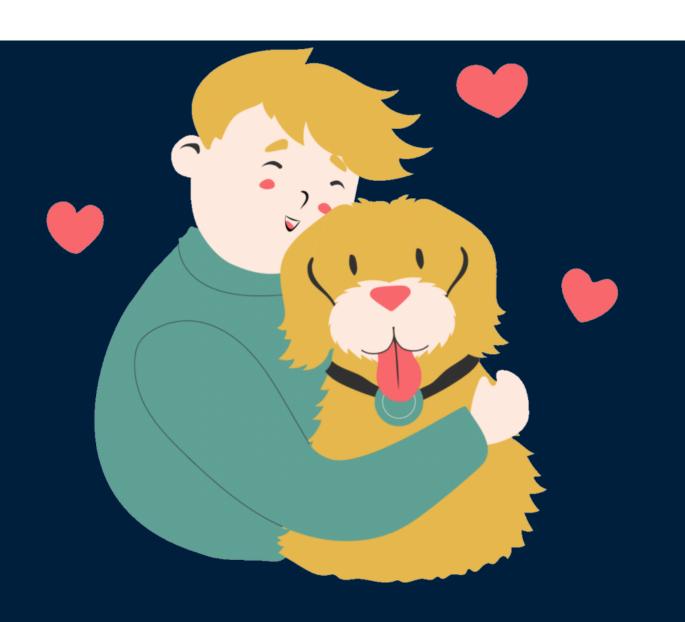


Application for pet emotion detection

YOUR PET IS YOUR EMOTIONAL SUPPORTER...

But,
Do you know your pet also need your emotional support?



YOUR PET CARES ABOUT YOU YOU CARE ABOUT YOUR PET



SO LET US HELP YOU...

TEAM BETATECH









Sanjana Bandara

Amani Indraprabha

Lakitha Madanayake

Chanuka Liyanage

Introducing AI powered pet emotion detection app

ARCHITECTURE OF THE APPLICATION

FRONT-END

User Interface

Sends HTTP requests to Back-End

HTTP responses

BACK-END



API Layer (Express.js)

> File upload component (Multer Library)

Image processing component (TensorFlow.js library)

> Redis cache (Redis database)

Response generation component (Results of detection)

HTTP responses

EXTERNAL SERVICES



TensorFlow.js (ML library)

Redis (database)

RESOURCES USED IN MVP MODEL



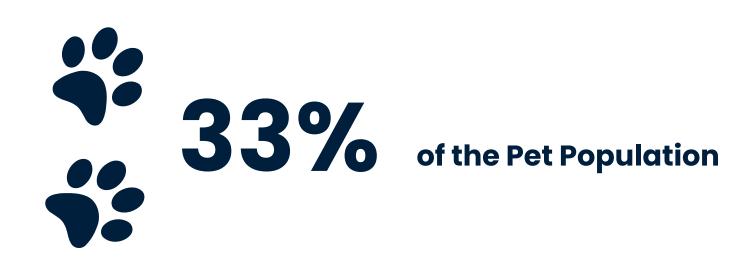
AVercel











CAGR(2022-2030)

6.84%

VALUE (2021)

\$179.45 BN

VALUE (2030)

\$184.43 BN

https://www.gfk.com/insights/mans-best-friend-global-pet-ownership-and-feeding-trends https://www.simplyinsurance.com/pet-statistics/#tve-jump-17649690b6d https://www.gfk.com/insights/mans-best-friend-global-pet-ownership-and-feeding-trends

Target Market

\$1400BN

\$1.4BN

\$14M



REVENUE MODEL

MVP

free

After adding video analysing system

Subscription model

\$2.99/month

Future Plan

1

2023 Sep

Release MVP for dogs (Web application)



2024 Jan

Release for cat emotion
detection for cats
& Introduction of fun
album creation with the
stability ai



2024 APRIL

Introduce Mobile Application



2024 July

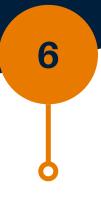
Release the behaviour detection using video analysis



2025 Jan

Introducing dog training

Al assistant



2025 JULY

Marketplace to buy everything your pet need

THANK YOU