HA NOI UNIVERSITY OF INDUSTRY

BUILD CROSS-PLATFORM PET ADOPTION MOBILE APP USING .NET MAUI, ASP .NET CORE WEB API

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Main Content

PET ADOPTION APPLICATION PROJECT, ALLOWING USERS TO POST PETS, ADOPT PETS, CHAT WITH SELLERS AND SUGGEST PETS NEARBY. HELPS USERS HAVE AN ENVIRONMENT TO CONNECT WITH EACH OTHER, THEREBY SAVING TIME AS WELL AS REACHING MANY PEOPLE WHO WANT TO GIVE AWAY PETS AND ADOPT PETS.

Main function

- *Adopt pet*
- *Chat realtime*
- *Suggest near by pets*
- *Search for pet*
- *Post new pet*

Library

- *SignalR: a library for ASP.NET developers that simplifies the process of adding real-time web functionality to applications*
- *Bing Maps Api: Used to measure the distance of 2 locations and register nearby pet suggestions*

RESULT

- **MEET ADOPTABLE PETS NEAR YOU:** SEARCH BY LOCATION TO FIND ADORABLE DOGS, CUDDLY CATS, AND ALL SORTS OF WONDERFUL CREATURES WAITING FOR THEIR FOREVER HOMES AT SHELTERS AND RESCUES IN YOUR AREA.
- **FIND YOUR PERFECT MATCH:** FILTER BY BREED, SIZE, AGE, AND EVEN TEMPERAMENT TO DISCOVER PETS THAT SUIT YOUR LIFESTYLE.
- **LOVE AT FIRST SWIPE:** BROWSE THROUGH CAPTIVATING PROFILES FEATURING PHOTOS, AND DETAILED DESCRIPTIONS OF EACH PET'S UNIQUE PERSONALITY.
- **SIMPLIFIED ADOPTION PROCESS:** SHOW INTEREST IN A PET DIRECTLY THROUGH THE APP AND CONNECT SEAMLESSLY WITH THE SHELTER OR RESCUE FOR NEXT STEPS.