

A family-founded Pet Rescue Foundation leverages Microsoft Azure to track behavioral pattern of the pets.

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The Customer:

A family-founded Pet Rescue Foundation, giving shelter to homeless cats and dogs, working towards finding homes for adoption to help create a no-kill nation.

The Challenges:

There was a lack of a process to track pet behavior and condition post-adoption. The customer wanted an efficient feedback mechanism for the owners to share feedback on the behavioral pattern of the pets. Also, the customer was seeking a system that would track and manage pets, adopters, and surveys.

The Solution:

The foundation envisioned a **mobile app** that would allow their pet adopters to submit surveys related to pet behavior and condition in first few weeks post adoption. Firstly, the client wanted the mobile app to support **both iOS and Android users** and to allow maximum adoptability/usage of the mobile app. Secondly, to support this mobile app there was a need to develop a robust **backend web application** for their admin users.

WinWire assessed the requirements of the foundation and provided **Cloud-First, Mobile-First** solution built using **Titanium platform**. The required app needed to run on iOS and Android platforms with support to both phone and tablet form factors and must have a single code base. WinWire developed this app as gratis.

WinWire also developed a web application using **.NET 4.5, and SQL 2012** and hosted the backend application on **Azure based web application**. Based on the requirements, both the apps were developed to allow customization of various features like Email templates, Survey Conditions, etc.

With the success of the first version of the mobile app and web application, the foundation thought of expanding this application to be used by multiple organizations that do not have in-house application.

WinWire worked with the customer in enhancing the application to provide additional features like **Foster Care Giving of pets, reporting, developing the knowledge base for analytics.**

Based on the access level of the user, various features of the application are available for use. A super user can view and manage all organizations data and an admin user can view and manage organization-specific data.



The Benefits:

- Improved operational efficiency in maintaining pet and adopter information.
- A single database to keep a close watch on their data and maintain all their data like user's data, survey data.
- Increase in participation of adopters in providing feedback.
- Ability to analyze post-adoption behavioral data to find best suited homes for pets.

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