Title: PAWSTER CARE: AN ANDROID-BASED PET CRUELTY REPORTING AND PET ADOPTION APPLICATION WITH RECOMMENDER SYSTEM FOR DAVAO CITY

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EXECUTIVE SUMMARY

The purpose of the study is to help City Veterinary Office, private organizations and private owners in finding potential adopter and finding a new home for their pets and to help implement Republic Act# 8485, Section 6, that forbids any person to commit pet cruelty acts, by providing pet cruelty reporting module. The researchers utilized agile scrum throughout the management and development of the software. To develop the software, the researchers mainly utilized Item based Collaborative Filtering implementing Pearson Correlation and K-Nearest Neighbor Algorithm to produce a list of recommended pets for adoption for each user.