**Information system analysis and design for a social network for dog owners**

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Guy Aloosh; guyaloosh@gmail.com

Guy Haliva; guyhaliva123@gmail.com

Advisor: Ms. Alona Kutsyy

SCE - Shamoon College of Engineering, Be'er-Sheva

The Woof application addresses the challenge of connecting dog owners by creating a dedicated social platform. This system helps users discover and connect with other dog owners nearby using a matching system based on shared interests and location. The platform features a modern interface where users can create profiles, share photos and videos, and chat in real time. A key feature is an interactive map showing nearby dog parks, veterinarians, and pet shops to support local engagement. The development process included research into user needs and social behavior, resulting in a friendly and intuitive experience. The final product offers secure login, personalized suggestions, and social features that build a strong community where dog owners can share, meet, and form lasting connections.

Keywords: chat (real-time), dog owners, location-based services, matching system, social network.