**Software Requirements Specification for**

**DePauw Pet Boarding**

**Version 1.0**

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**1 Introduction**

**1.1 Purpose**

The DePauw Pet Boarding system will allow customers to book a date and reserve a space for their pet to be boarded. The program will be flexible enough to accommodate both recurring customers and new customers. The program will send a confirmation via email or phone, as well as a reminder message 1 day ahead of time.

**1.2 Intended Audience and Reading Suggestions**

This document was developed both as a guideline for student developers, and as a reference for potential company and customer users.

**1.3 Project Scope**

The goal of DePauw Pet Boarding will be to provide an easy platform for both companies and customers to use in order to arrange pet boarding. The customer will be able to select the length of stay for their pet, and either need to enter in pertinent information if they are a new customer, or enter their customer ID if they are recurring.

**3 System Features**

The following features, with their associated requirements, will be implemented in the final revision of this software system

**3.1 Graphical Interface**

**3.1.1 Description and Priority**

The user can interact with the program to give the correct information for the reservation.

**3.1.2 Functional Requirements**

**REQ-1:** The program should allow for the user to select a start date and an end date.

**REQ-2:** The program should allow for the user to select whether they are a recurring customer or a new customer.

**REQ-3:** The program should allow the user to enter in the correct information given the answer to new or recurring customer.

**REQ-4:** The program should allow for the user to enter in pertinent information about the pet.

**3.4 Customer ID**

**3.4.1 Description and Priority**

The system will allow users to save their information under their customer ID.

**3.4.2 Functional Requirements**

**REQ-1:** The system should create a customer ID when the user first enters their information as a new customer.

**REQ-2:** The system should tie the information with the ID.

**REQ-3:** The system should keep track of the amount of space open in the facility, being able to notify the customer should there be no space left.

**REQ-4:** The system should send a confirmation message to let the customer know that the booking was successful.