

Project Proposal

Web based pet shop management system

COST 32532–WEB PROGRAMMING

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Web based pet shop management system

1. Introduction

MED-PET shop is a pet shop established by students of university of Kelaniya. We started it to care animals according to customers need. The shop runs currently with 5 workers including manager, sales desk, cashier, and cleaners. At the present the shop carries out its process in a completely manual manner. Sometimes they face some problems in storing their records and customer details which gets lost as well. So, they need a proper way to maintain their overall business process and a computerized solution for this problem.

2. Business Process

In present, MED PET shop carries their process completely in manual manner. Customers make their enquiries on the Sales Desk at the shop for order and the sales desk will provide the related information. The main duty of the sales desk is to show the pets to customer favourites. When a pet is purchase, the details will be recorded. Customers can book pets through phone call for 2 days without any payments. If they didn't come to buy within two days, the booking will be cancelled. Cashier records the sales details and payment details in the record book. He prepares the daily summary and sends to the manager at the end of the day.

3. Problems and weakness

Happy pet shop has identified the following major business problems in their present business process system.

- Missing of manual records book.
- It is inconvenient to go through the customer history to provide discounts.
- Updating information may cause errors.
- Still we don't have any website for the shop. So it's difficult to the customer to access.

4. Objective and aim of the proposed system

The proposed system can overcome all the limitations of the existing system. The system provides proper security and reduces the manual work. The existing system has several disadvantages and many more difficulties to work well.

The system is very simple in design and to implement. The system requires very low system resources, and the system will work in almost all configurations. It has got following features.

- Ensure data accuracy
- Minimize manual data entry
- Minimum time needed for the various processing

5. Scope of the project

The main aim of the project is to make business process automated and allow the customers to view details through online web page full fill their needs without visiting the shop. It allows increases the customer base for the shop which is a main objective of the owner.

6. Feasibility study

Feasibility study is carried out to select the best system that meets the performance requirements. We get the understanding of the customer's problems through interviews and observations. This project includes two starting costs. Such as cost for Website domain and cost for hosting. There is no developing cost but there will be a small maintenance cost. And the costs for domain and hosting should be paid annually. The project will be developed using HTML, CSS, JavaScript, and PHP. The web application could be accessed in any browser. There is no legal document should follow since they requested this system.

7. Requirement Analysis

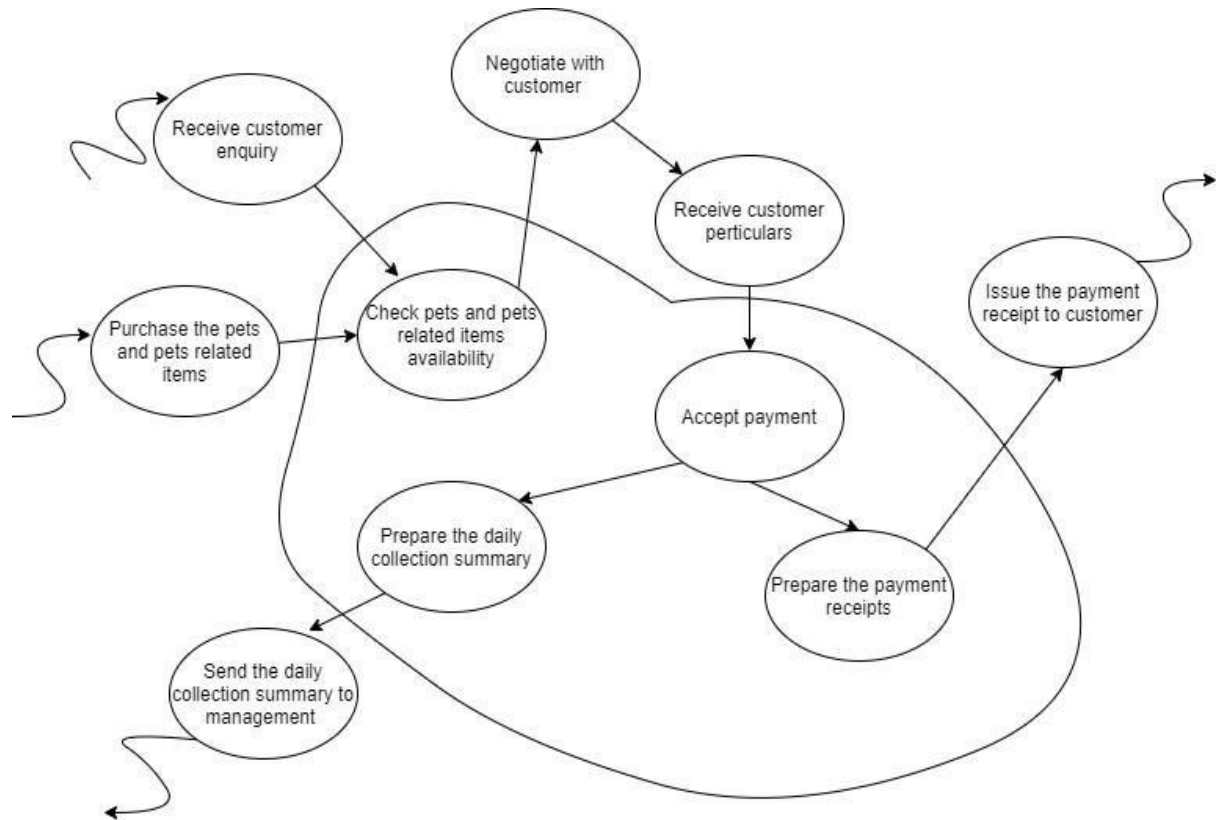
Functional Requirements

- Shall be able to search and select their pets and all items related to pets.
- Shall be able to add the pet or item to cart.
- Shall be able to do online payment.
- Shall be able to do pre booking.
- Shall be able to add, Update, Delete and Search details of pets.
- Shall be able to add, Update, Delete and Search items related to pets.
- Shall be able to add, Update, Delete and Search Sales Details.
- Shall be able to add, Update, Delete and Search Customer Details
- Shall be able to make sales report.
- Shall be able to show notifications.

Non-Functional Requirements

- Shall be able to provide friendly GUI
- Shall be able system to be easy to use
- Shall be able to provide a responsive web interface
- Shall be able to run on any browser

8. Business Activity Model



9. Context Diagram

