Turtleback Zoo Users Guide

OVERVIEW

Welcome to the User Manual for the Zoo Management System - an innovative and comprehensive application designed to revolutionize the operations of Turtleback Zoo. This sophisticated system seamlessly integrates a user-friendly web interface with a powerful database, offering an intuitive solution to efficiently manage assets, daily zoo activities, and provide essential management reporting.

Purpose of the System

The Zoo Management System aims to simplify daily tasks, enhance decision-making processes, and contribute to the overall success of Turtleback Zoo. By leveraging modern technology, the system ensures that zoo operations are streamlined, and valuable insights are readily accessible.

Target Audience

This user guide is tailored for individuals involved in the day-to-day operations and management of Turtleback Zoo, including administrators, zookeepers, and personnel responsible for asset management, daily zoo activities, and decision-making processes.
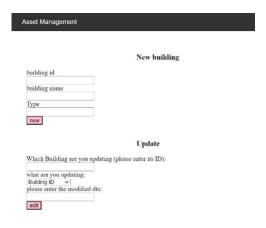
Navigation Menu

The navigation menu, situated on the top left-hand side of the screen, is your gateway to various functionalities of the Zoo Management System.

// Daily Zoo Activity // Management and reporting

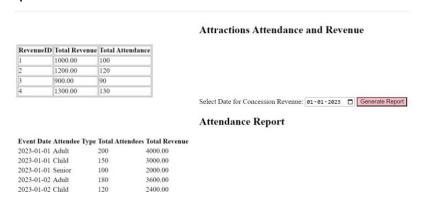Daily Zoo Activity   Management and Reporting   Asset Management

3.2.1 Asset Management

Clicking on the "Asset Management" link in the navigation menu takes you to a set of tools for managing animals, buildings, attractions, employees, and other essential entities.

Asset Management

New building

building id

building name

Type

new

Update

Which Building are you updating (please enter its ID):

what are you updating:
Building ID ▾
please enter the modified dta:

edit

3.2.2 Daily Zoo Activity

Navigate to the "Daily Zoo Activity" section to enter and view data related to daily zoo activities. This includes tracking attendance, revenue, and managing various aspects of attractions and concessions.

Attractions Attendance and Revenue

RevenueID	Total Revenue	Total Attendance
1	1000.00	100
2	1200.00	120
3	900.00	90
4	1300.00	130

Select Date for Concession Revenue: 01-01-2023 ☐ Generate Report

Attendance Report

Event Date	Attendee Type	Total Attendees	Total Revenue
2023-01-01	Adult	200	4000.00
2023-01-01	Child	150	3000.00
2023-01-01	Senior	100	2000.00
2023-01-02	Adult	180	3600.00
2023-01-02	Child	120	2400.00

3.2.3 Management and Reporting

Access the "Management and Reporting" section to review and modify zoo operations, manage the workforce, and generate crucial reports for decision-making.

Revenue Report for 2023-01-01

Revenue Source	Total Revenue
Admission	1000.00

Key Features

1. Asset Management

The Asset Management application empowers users with a suite of insert/update/view utilities for various entities, including:

Animals,Buildings,Attractions,Employees and Employee Hourly Wage.

This functionality provides a centralized hub for managing and updating crucial information related to zoo assets, ensuring accuracy and efficiency in daily operations.

2. Daily Zoo Activity

The Daily Zoo Activity application facilitates the seamless entry and viewing of activities and revenue, covering areas such as:

- Attractions: Attendance and revenue for each showing
- Concessions: Daily revenue for each concession
- Attendance: Numbers and revenue for each type of attendee

Effortlessly track and analyse daily zoo activities to make informed decisions and enhance the overall visitor experience.

3. Management and Reporting

The Management and Reporting application empowers zoo management with the tools to review and modify zoo operations, manage the workforce, and measure the zoo's financial performance.

Key computations include:

1. **Daily Revenue Report:**

   - Detailed report of revenue by source, with detail lines and subtotals for a given day.

2. **Animal Population Report:**

   - Report of the animal population by species, including totals by status, total monthly food cost, and costs for assigned veterinarians and animal care specialists (based on a 40-hour work week).

3. **Top Attractions Report:**

   - The top 3 attractions in descending order of total revenue for a specified time period.

4. **Best Days Report:**

   - Determines the 5 best days in terms of total revenue for a given month.

5. **Average Revenue Report:**

   - Computes the average revenue for each attraction, concession, and total attendance over a specified time period.

Acknowledgment