

Classes and Interfaces Description:

1) AdminLogin Class:

This class verifies the login credentials provided by the admin, including login ID and password.

2) Animals Interface:

An interface that implements three classes:

Mammals: Represents mammal animals.

Amphibians: Represents amphibian animals.

Reptiles: Represents reptile animals.

3) Attractions Class:

This class stores and manages all the attractions added by the admin.

4) Memberships Interface:

An interface that defines basic and premium membership functionalities for users.

5) DealsInt Interface:

An interface that implements the Deals class, allowing the admin to add various deals for visitors.

6) Visited Abstract Class:

An abstract class extending BoughtTickets, keeping track of the number of tickets purchased for a specific attraction by users.

7) VisitorLogin Class:

This class enables visitors to log in using their correct email and password.

8) RegisterVisitor Class:

This class facilitates visitor registration in the zoo. Visitors provide the following information:

Visitor Name: Alice

Visitor Age: 32

Visitor Phone Number: 7568743321

Visitor Balance: 100

Visitor Email: alice@email.com

Visitor Password: pass123

9) Feedback Class:

This class allows users to provide valuable feedback about the zoo.

10) Discount Class:

This class manages and offers discounts to users.

11) AnimalManager Class:

This class contains functions to add, modify, remove, or display animals in a dictionary called `dictionary_animals`.

12) Zoo Class:

The main class that integrates all functionalities. It manages admin logins, animal categories, attractions, memberships, deals, visitor logins, registrations, feedback, discounts, and animal management operations.