**PROJECT PRJ**

Build the website to support some functions of the pet center. The center’s website has 3 user roles:

**Customer:**

* View services
* Sign up and add pets to the system
* After loginin, can book a room for his/her pet
* After login, can cancel the booking.
* After loging, can view book history
* Send feedback
* Manage pets: add, view, update, disable

**Admin:**

1.Manage customer: search by name, view, block/unblock (gồm login)

2.Manager services: view, create, update, disable services

3.Manage services’s price.

4.Manage booking,invoice: view, update booking’s status

5.Change booking information if the customer’s pet is not fit

6.Manage feedback: view, reply

customer

admin

admin

admin

Customer

Common requirements: the group must perform the following tasks to be evaluated

* Each group will choose one topic to develop
* Report the project’s processing: students use text, images to report in the edunext depends on the faculty’s timeline
* The asignment is evaluated weekly
* The project must have:
  + Document: ERD, physical DB design, description about the task list for each member.
  + Product:
    - Frond-end: UI/UX
    - Backend:
      * Use MVC2 model
      * Have comments to maintainance easier
      * Appreciate if the group uses the filter. (optional)
* The final evaluation is in the 10th week

**Database**

***Table***

1. Accounts:
   * Acc\_id: INT (primary key)
   * Email: VARCHAR(50)
   * Password: VARCHAR(50)
   * PhoneNumber: VARCHAR(50)
   * FullName: NVARCHAR(50)
   * Register\_Date: Date ( ngày đky tài khoản)
   * Role: VARCHAR(50)
   * Status: INT(1:active 0:deactived)
2. TypeServices:
   * Typeservice\_id: VARCHAR (50) (primary key)[A,B,C,D]
   * Name: VARCHAR(50)[Hotel,Bath,Grooming,Food]
   * Description: VARCHAR(50)
   * Status: INT (1:active ; 0:deactived)
3. Services:
   * Service\_id: INT (primary key)
   * Typeservice\_id: VARCHAR (50) (khóa ngoại)
   * Typepet\_id: INT
   * Description: VARCHAR(50)(Kích thước chuồng – các công đoạn tắm – kiểu tỉa – dinh dưỡng đồ ăn)
   * Weight\_range: DECIMAL(4,1) (Khối lượng tối đa của pet) NULL
   * Price: INT
   * Expiration\_Date: Date NULL
   * Discount: INT(%)
   * Quantity: INT (số lượng hiện có) NULL
   * Image: VARCHAR(50)
   * Status: INT (1:active ; 0:deactived)
4. Pets:
   * Pet\_id: VARCHAR(50) (primary key)
   * Acc\_id: INT (khóa ngoại)
   * Breed\_id: VARCHAR (50) (khóa ngoại)
   * Typepet\_id: VARCHAR (50) (khóa ngoại)
   * Weight: DECIMAL(4,1)
   * Status: INT (1:active ; 0:deactived)
5. Breeds:
   * Breed\_id: VARCHAR(50) (primary key)
   * Typepet\_id: VARCHAR(50) (khóa ngoại)
   * Name: VARCHAR(50)
6. TypePets:
   * Typepet\_id: VARCHAR(50) (primary key)
   * Name: VARCHAR(50)
7. Orders:
   * Order\_id: INT (primary key) tự động tăng (1,1)
   * Acc\_id: INT(khóa ngoại)
   * Total\_price: INT
   * Order\_date: DATETIME
   * Payment\_id: Varchar(50)
   * Feedback\_id: INT(50)
   * Status:INT (1: đang chờ xác nhận, 2: xác nhận 3 Đang giao/chờ checkin, 4 Đã giao/ Đã checkin 5 Hủy đơn 6 Xong)
8. Payments:

* Payment\_id: INT primary key
* Payment\_date: Datetime
* Type\_payment: Int ( 1:ck 0: tien mat)
* Status: INT(1: done 0: notdone)

9. Feedback

* + Feedback\_id: VARCHAR(50), primary key
  + Order\_id: INT (foreign key referencing Orders table)
  + Feedback\_text: VARCHAR(255)
  + Reply\_text: VARCHAR(255)
  + Reply\_date: DATETIME
  + Status: INT(1: replied, 0: not replied)

10.OrdersDetails:

* + OrderDetail\_id: INT (primary key), tự động tăng (1,1)
  + Order\_id: INT (khóa ngoại)
  + Service\_id: INT (khóa ngoại)
  + Pet\_id: VARCHAR(50) (khóa ngoại),
  + Start\_time: DATETIME
  + End\_time: DATETIME
  + Quantity:INT
  + Price: INT

***Ràng buộc:***

* Email phải có dạng @.gmail.com
* PhoneNumber phải có 10 chữ số
* Price ở bảng OrdersDetails: = Price của Service\_id\*Quantiry
* Start\_time và end time ở bảng OrdersDetails luôn lớn hơn hoặc bằng Order\_date ở bảng Orders
* Payment\_date ở bảng Payments luôn lớn hơn hoặc bằng Order\_date ở bảng Orders
* Reply\_date ở bảng Feedback luôn lớn hơn hoặc bằng Order\_date ở bảng Orders
* Total\_price ở bảng Orders bảng tổng các OrdersDetails có Order\_id đó.