

COMPUTER STORE INFORMATION MANAGEMENT SYSTEM

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Made by: Group 15

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COMPUTER STORE INFORMATION MANAGEMENT SYSTEM

- Introduction
- Structure
- Demo
- Conclusion

INTRODUCTION

- The information manage system is a system which collects, processes, stores and distributes information:
 - Staff
 - Customer
 - Product
- It is a system that required people and computers to process or interpret information.
- Project goals :
 - Decision-making
 - Coordination
 - Control
 - Analysis
 - Visualization of information

STRUCTURE

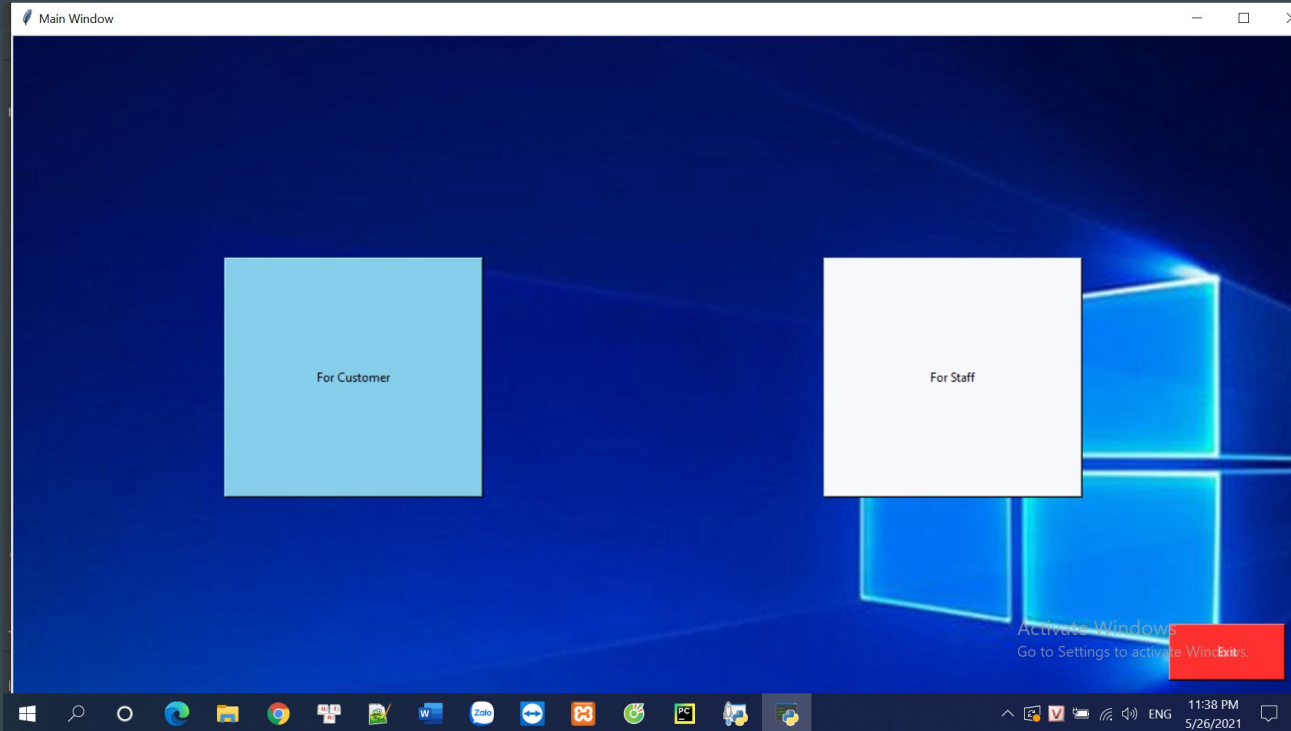
- Modules
- Database diagram

Modules

- Tkinter.messagebox: Access to standard TK dialog boxes.
- Tkinter.ttk: Provide access to the Tk themed widget set.
- MySQL connector: database driver to process data in MySQL from python.
- Os: Provide functions for interacting with the operating system.

Modules

- Main_window: to choose the user's role.



Modules

- Computer_store_management: for staff to manage information of staffs, customers and products.

Computer store management

Product name: Staff name: Customer name:

Product price: Staff birth: Bought product:

Product amount: Staff contact: Amount:

Product information: Staff job: Customer Contact:

Bought date:

Search name: Search In ...

ID	Name	Price	Amount	Information
1	CPU Intel Core i5-8600K	7300000	34	3.6GHz Turbo Up To 4.3GHz, 6 nhân 6 luồng, 9MB Cache
2	CPU Intel Core i9-9900K	124124	12312	3.60GHz Turbo Up To 5.00GHz, 8 Nhân 16 Luồng, 16M Cache
3	CPU Intel Core i3-10105	4290000	78	3.7GHz turbo up to 4.4Ghz, 4 nhân 8 luồng, 6MB Cache
4	CPU Intel Core i7-10700F	7490000	10	3.8GHz turbo up to 5.1GHz, 8 nhân 16 luồng, 16MB Cache

ID	Name	Birth	Contact	Job
1	Clyde R Poe	1996-01-10	5785130	Manager
2	Hoàng Hữu Huy	2001-10-02	909112324	Computers Salesperson
3	Marcel H Hardman	1999-05-29	656638973	Customer Service Advisor
4	Thomas I Young	1995-11-11	438270178	Computer Technician

ID	Name	Bought	Amount	Contact	Date
1	Kimberly C Wagner	Mainboard ASUS PRIME Z390-P	3	32975871	2021-01-02
2	Joan G Smith	Mainboard MSI Z590-A PRO	8	16678098	2021-01-05
3	John D McCann	Bàn phím cơ Logitech G613	7	82685619	2021-01-07
4	Shirley J Clevenger	Bàn phím Logitech G512 GX RGB	3	53309176	2021-01-20

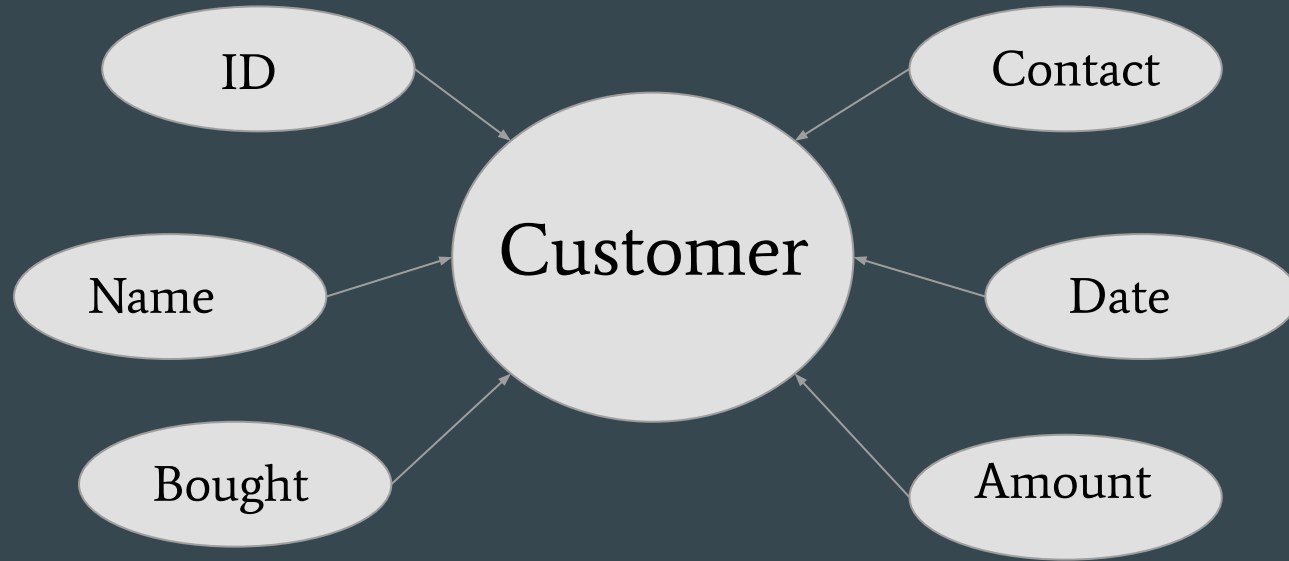
Modules

- Computer_store: for customer to collect information of products.

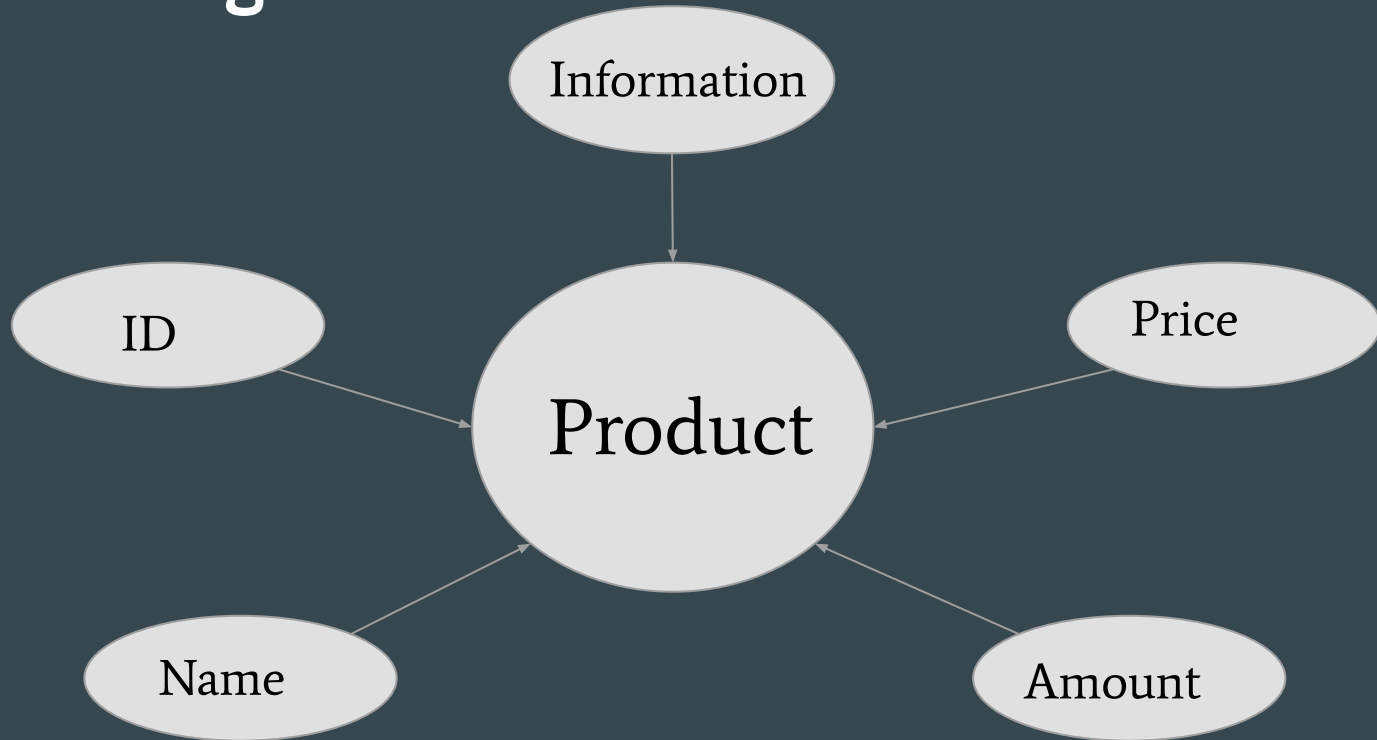
The screenshot displays the 'Computer store' application window. At the top, there is a search bar with the placeholder text 'Search product', a dropdown menu labeled 'Search By ...', and a green 'Search Product' button. To the right of the search bar are three buttons: a blue 'Refresh' button, a pink 'Return to main' button, and a red 'Exit' button. Below these controls is a table listing 15 products. The table has five columns: ID, Name, Amount, Price, and Information. The products listed include various CPU models (Intel Core i5-8600K, i9-9900K, i3-10105, i7-10700F, i7-10700), graphics cards (GIGABYTE GeForce RTX 3090 GAMING OC, Asus Dual GeForce RTX 3060 12G, GIGABYTE GeForce RTX™ 2060 OC, LEADTEK NVIDIA Quadro P1000), and Logitech keyboards (G512 GX RGB, G813 LIGHTSYNC RGB, G913 TKL, G613, G610 Orion). The bottom of the window shows the Windows taskbar with the date and time '11:40 PM 5/26/2021'.

ID	Name	Amount	Price	Information
1	CPU Intel Core i5-8600K	34	7300000	3.6GHz Turbo Up To 4.3GHz, 6 nhân 6 luồng, 9MB Cache
2	CPU Intel Core i9-9900K	12312	124124	3.60GHz Turbo Up To 5.00GHz, 8 Nhân 16 Luồng, 16M Cache
3	CPU Intel Core i3-10105	78	4290000	3.7GHz turbo up to 4.4Ghz, 4 nhân 8 luồng, 6MB Cache
4	CPU Intel Core i7-10700F	10	7490000	3.8GHz turbo up to 5.1GHz, 8 nhân 16 luồng, 16MB Cache
5	CPU Intel Core i7-10700	40	8390000	2.90GHz Turbo Up To 4.80GHz, 8 Nhân 16 Luồng
6	Card Đồ Họa VGA GIGABYTE GeForce RTX 3090 GAMING OC	8	72990000	24GB GDDR6X, 384-bit, HDMI + DP, 2x8-pin
7	Card Màn Hình Asus Geforce GTX 1050Ti 4GB	9	3090000	NVIDIA Geforce/ 4Gb/ DDR5/ 128 Bits
8	Card Màn Hình Asus Dual Geforce RTX 3060 12G	11	21990000	NVIDIA Geforce RTX 30 Series, 12GB GDDR6, GDDR6, 256-bit, Geforce RTX 3060
9	VGA-Card màn hình GIGABYTE GeForce RTX™ 2060 OC	9	15390000	6GB GDDR6, 192 bits, HDMI +DP
10	VGA-Card màn hình LEADTEK NVIDIA Quadro P1000	24	8290000	4GB GDDR5, 128-bits, PCI Express 3.0 x16
11	Bàn phím Logitech G512 GX RGB	12	2190000	Switch: GX Brown (Tactile)/ GX Red (Linear), Non-Clicky, RGB Backlighting, Aluminum Backplate
12	Bàn phím cơ Logitech G813 LIGHTSYNC RGB	12	3490000	Switch: CLICKY/TACTILE /LINEAR, LIGHTSYNC RGB, aluminium case
13	Bàn phím cơ Logitech G913 TKL	8	3990000	Lightspeed Wireless, LED RGB
14	Bàn phím cơ Logitech G613	67	1790000	Wireless, sử dụng công tắc cơ khí Romer-G
15	Bàn phím Logitech G610 Orion	52	1740000	Switch: Cherry MX Blue switch, Kích thước:153 x 443.5 x 34.3 mm

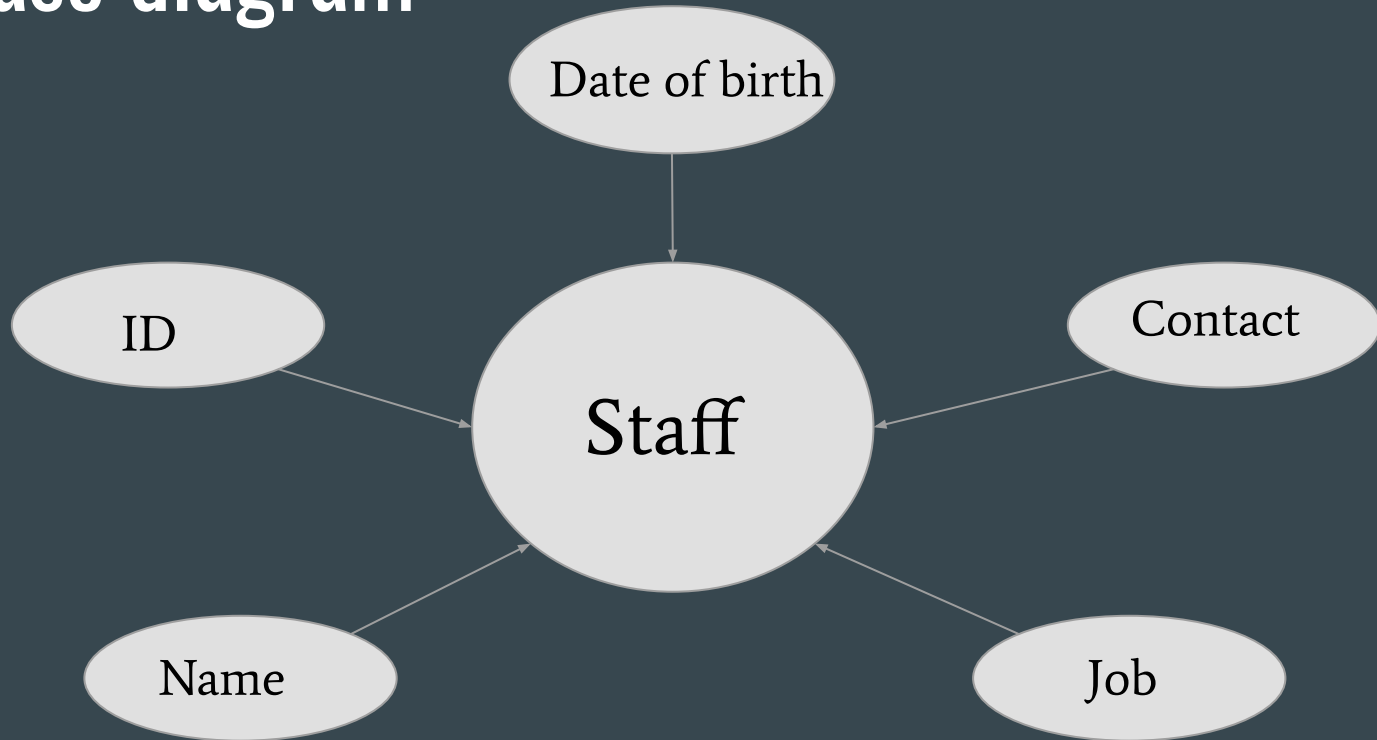
Database diagram



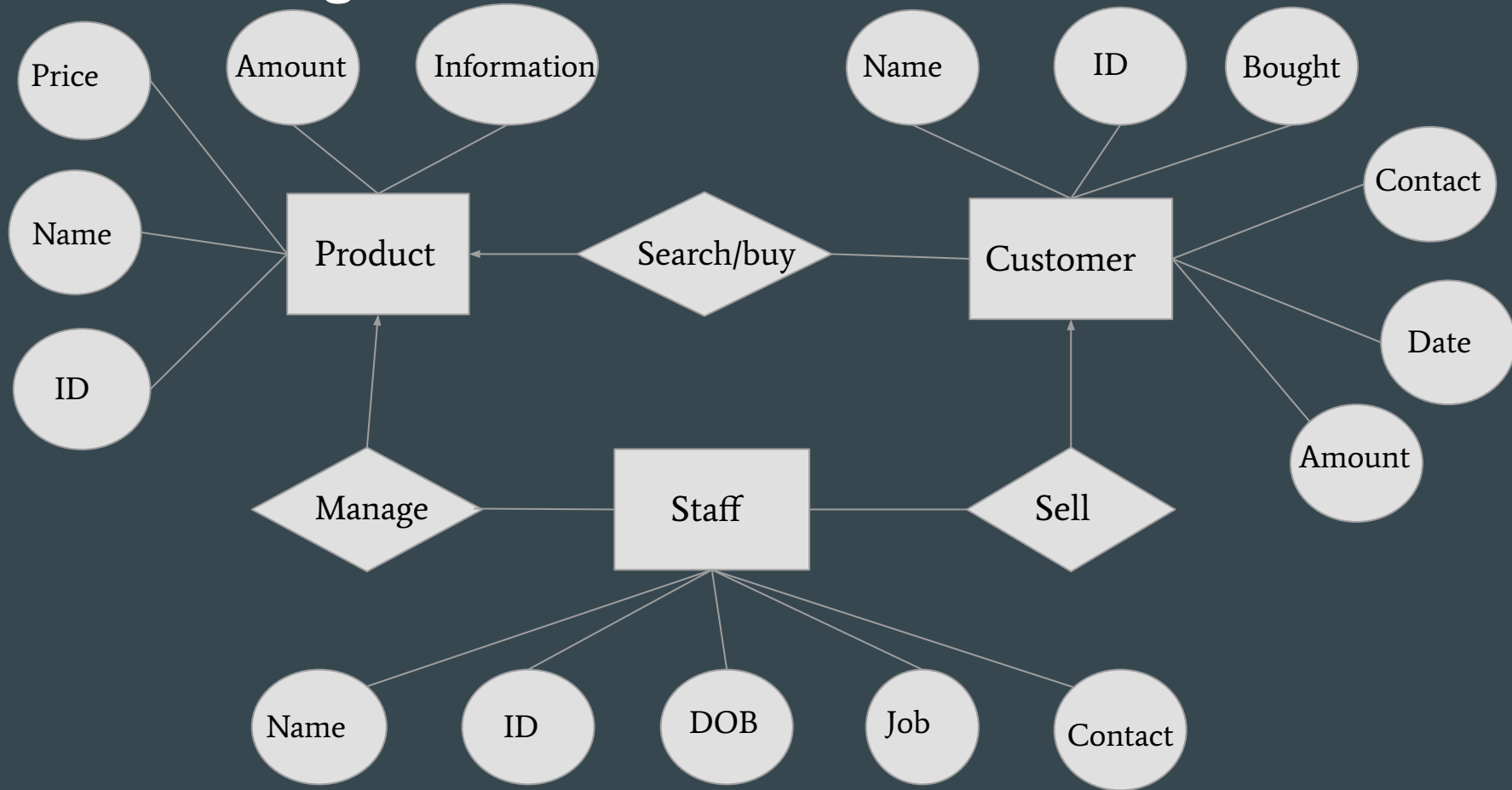
Database diagram



Database diagram



Database diagram



Database diagram:

mid_python customer
id : int(11)
name : varchar(225)
bought : varchar(225)
amount : int(11)
date : date
contact : bigint(11)

mid_python product
id : int(11)
name : varchar(225)
amount : int(11)
price : bigint(11)
information : varchar(225)

mid_python staff
id : int(11)
name : varchar(225)
dob : date
contact : bigint(11)
job : varchar(225)

DEMO

CONCLUSION

THE SYSTEM:
**COMPUTER STORE INFORMATION
MANAGEMENT SYSTEM**

```
graph TD; A[THE SYSTEM: COMPUTER STORE INFORMATION MANAGEMENT SYSTEM] --> B[Part 1: For store]; A --> C[Part 2: For customer];
```

Part 1: For store
Collect, store and manage the
information of staff, product,
customer and order

Part 2: For customer
Find out about product

CONCLUSION

DRAWBACKS:

1. Security concern.
2. User's front still lacking.
3. Method is suitable for larger or more complex design.

Thanks!

*Any questions,
please feel free to ask!*

