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class CRM:
    def __init__(self):
        self.customers = {}

    def add_customer(self, name, email, phone):
        if email in self.customers:
            print("Customer already exists with this email.")
        else:
            self.customers[email] = {'name': name, 'email': email, 'phone': phone}
            print("Customer added successfully.")

    def view_customer(self, email):
        if email in self.customers:
            customer_info = self.customers[email]
            print("Name:", customer_info['name'])
            print("Email:", customer_info['email'])
            print("Phone:", customer_info['phone'])
        else:
            print("Customer not found.")

    def update_customer(self, email, new_name=None, new_phone=None):
        if email in self.customers:
            if new_name:
                self.customers[email]['name'] = new_name
            if new_phone:
                self.customers[email]['phone'] = new_phone
            print("Customer information updated successfully.")
        else:
            print("Customer not found.")

    def delete_customer(self, email):
        if email in self.customers:
            del self.customers[email]
            print("Customer deleted successfully.")
        else:
            print("Customer not found.")

    def view_all_customers(self):
        if self.customers:
            print("All Customers:")
            for email, info in self.customers.items():
                print("Email:", email)
                print("Name:", info['name'])
                print("Phone:", info['phone'])
                print("-----")
        else:
            print("No customers found.")

def main():
    crm = CRM()

    while True:
        print("\nCustomer Relationship Management (CRM)")
        print("1. Add Customer")
        print("2. View Customer")
        print("3. Update Customer")
        print("4. Delete Customer")
        print("5. View All Customers")
        print("6. Exit")

        choice = input("Enter your choice: ")

        if choice == '1':
            name = input("Enter customer name: ")
            email = input("Enter customer email: ")
            phone = input("Enter customer phone number: ")
            crm.add_customer(name, email, phone)
        elif choice == '2':
            email = input("Enter customer email: ")
            crm.view_customer(email)
        elif choice == '3':
            email = input("Enter customer email: ")
            new_name = input("Enter new name (leave blank to keep current): ")
            new_phone = input("Enter new phone number (leave blank to keep current): ")
            crm.update_customer(email, new_name, new_phone)
        elif choice == '4':
            email = input("Enter customer email to delete: ")
            crm.delete_customer(email)
        elif choice == '5':
            crm.view_all_customers()

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elif choice == '6':  
    print("Exiting CRM. Goodbye!")  
    break  
else:  
    print("Invalid choice. Please choose again.")
```

```
if __name__ == "__main__":  
    main()
```



```
5. View All Customers  
6. Exit
```

Enter your choice: 2

Enter customer email: [nasir@69.com](mailto:nasir@69.com)

Name: Nasir

Email: [nasir@69.com](mailto:nasir@69.com)

Phone: 123

Customer Relationship Management (CRM)

1. Add Customer
2. View Customer
3. Update Customer
4. Delete Customer
5. View All Customers
6. Exit

Enter your choice: 3

Enter customer email: [nasir@69.com](mailto:nasir@69.com)

Enter new name (leave blank to keep current): Utsha

Enter new phone number (leave blank to keep current): 234

Customer information updated successfully.

Customer Relationship Management (CRM)

1. Add Customer
2. View Customer
3. Update Customer
4. Delete Customer
5. View All Customers
6. Exit

Enter your choice: 5

All Customers:

Email: [nasir@69.com](mailto:nasir@69.com)

Name: Utsha

Phone: 234

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Customer Relationship Management (CRM)

1. Add Customer
2. View Customer
3. Update Customer
4. Delete Customer
5. View All Customers
6. Exit

Enter your choice: 5

All Customers:

Email: [nasir@69.com](mailto:nasir@69.com)

Name: Utsha

Phone: 234

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Customer Relationship Management (CRM)

1. Add Customer
2. View Customer
3. Update Customer
4. Delete Customer
5. View All Customers
6. Exit

Enter your choice: 6

Exiting CRM. Goodbye!

