```
import json
import os
class Hotel:
    def __init__(self, name, location, rooms):
        self.name = name
        self.location = location
        self.rooms = rooms
    def to_dict(self):
        return {
            'name': self.name,
            'location': self.location,
            'rooms': self.rooms
    def save_to_file(self):
        with open(f'{self.name}.json', 'w') as f:
           json.dump(self.to_dict(), f)
   @classmethod
    def load_from_file(cls, name):
        filename = f'{name}.json'
        if os.path.exists(filename):
            with open(filename, 'r') as f:
               data = json.load(f)
                return cls(**data)
        else:
           raise FileNotFoundError(f'{filename} does not exist')
    def delete_file(self):
        filename = f'{self.name}.json'
        if os.path.exists(filename):
           os.remove(filename)
        else:
           raise FileNotFoundError(f'{filename} does not exist')
    def display_info(self):
        print(f"Hotel: {self.name}")
        print(f"Location: {self.location}")
```

print(f"Rooms: {self.rooms}")

```
class Customer:
    def init (celf name email).
class Reservation:
    def __init__(self, customer, hotel):
        self.customer = customer
        self.hotel = hotel
    def to_dict(self):
        return {
            'customer': self.customer.to_dict(),
            'hotel': self.hotel.to_dict()
        }
    def save_to_file(self):
        with open(f'{self.customer.name}_{self.hotel.name}_reservation.json', 'w') as f:
            json.dump(self.to_dict(), f)
    @classmethod
    def load_from_file(cls, customer_name, hotel_name):
        filename = f'{customer_name}_{hotel_name}_reservation.json'
        if os.path.exists(filename):
            with open(filename, 'r') as f:
                data = json.load(f)
                customer = Customer(**data['customer'])
               hotel = Hotel(**data['hotel'])
                return cls(customer, hotel)
        else:
            raise FileNotFoundError(f'{filename} does not exist')
    def delete_file(self):
        filename = f'{self.customer.name}_{self.hotel.name}_reservation.json'
        if os.path.exists(filename):
           os.remove(filename)
            raise FileNotFoundError(f'{filename} does not exist')
```