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In [ ]: import time

user_record = {
    "shivani@org.com": {"name": "shivani", "pwd": "password1", "type": "admin"},
    "harry@gmail.com": {"name": "harry", "pwd": "potter", "type": "user"},
    "snape@org.com": {"name": "snape", "pwd": "always", "type": "admin"},
    "ronald@gmail.com": {"name": "ronald", "pwd": "granger", "type": "user"},
    "hermoine@gmail.com": {"name": "hermoine", "pwd": "ronnie", "type": "user"}
}

product_record = {
    "1": {"name": "witchcraft & potions", "category": "books", "price": "800"},
    "2": {"name": "taylor swift", "category": "music", "price": "1000"},
    "3": {"name": "doritos", "category": "snacks", "price": "40"},
    "4": {"name": "jamba juice", "category": "beverage", "price": "10"},
    "5": {"name": "pens and quills", "category": "stationary", "price": "200"}
}

user_cart = {}
user_reviews = {}

#defining fucntions for my online code-----

def welcome():
    print("Welcome to the witchcraft conveyance store. You may find everything you are 1

def existing_user_login(user_record):
    print('\n', user_record, '\n')
    time.sleep(1)
    print("Provide your login credentials \n")
    time.sleep(1)
    user_email = input("Provide your email ID: ")
    user_pwd = input("Provide your Password: ")

    if user_email in user_record.keys():
        if user_pwd == user_record[user_email]['pwd']:
            print('\n Hey', user_record[user_email]['name'], 'you are now successfully 1
            return {'user_email': user_email}
        else:
            print('\n You entered wrong password. Try again.\n')
            existing_user_login(user_record)
    else:
        print('\n You entered wrong username. Please try again.\n')
        existing_user_login(user_record)

def user_cart_func(user_name):
    print("This is our inventory for the day. Make your choice:\n", product_record)

    time.sleep(1)

    user_input = input('1: to add your product,\n2: remove the product\n')

    time.sleep(1)

    if user_input == '1':
        pro_id = input('\nPlease specify the product id you want to add in the cart: ')
        time.sleep(1)

        if user_name in user_cart:
            user_cart[user_name].append(pro_id)
            print("Operation successfully completed")
            time.sleep(1)
        else:
            user_cart[user_name] = []

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        user_cart[user_name].append(pro_id)
        print("Operation successfully completed")
        time.sleep(1)

    else:
        product_id = input("Please provide the product id to be removed: ")
        time.sleep(1)
        user_cart[user_name].remove(product_id)
        time.sleep(1)
        print("\nOperation completed successfully")
        time.sleep(1)

print("\nYour cart has the following items:\n")

for key in user_cart[user_name]:
    print(product_record[key])

time.sleep(1)

user_choice = input("Do you want to perform more actions (y/n): ")
if user_choice == 'y':
    user_cart_func(user_name)
else:
    payment_option()

def payment_option():
    print("\nWelcome to payment page\nYou have a payment due of $500 for the products.\n")
    payment_input = input("1. Credit card, 2. Debit Card, 3. UPI: ")
    print("Processing...")
    time.sleep(1)
    print("Payment successful")
    time.sleep(1)
    print("Your product will be delivered in 5-7 working days.\n")
    time.sleep(1)
    print("Hope to see you soon.")

#admin catalogue - this records and performs admin functions -----

def product_update(user_name):
    if user_record[user_name]['type'] == 'admin':
        time.sleep(1)
        print("\n\nWelcome!", user_record[user_name]['name'], "you have access to product catalogue")
        time.sleep(1)
        product_catalogue_modification()
    else:
        time.sleep(1)
        print("\n\nWelcome!", user_record[user_name]['name'], "you have access to user cart")
        time.sleep(1)
        user_cart_func(user_name)

def product_catalogue_modification():
    print("\n\nWelcome to product catalogue update.\nPlease let us know which operation you want to perform")
    time.sleep(1)
    print('\n\nThe current product catalog is as follows:\n', product_record, '\n\n')
    time.sleep(1)
    operation = input('\n1 = Add product, 2 = Remove product\n')
    time.sleep(1)
    if operation == '1':
        product_id = input("\nPlease provide new product id: ")
        time.sleep(1)
        product_name = input("\nPlease provide new product name: ")
        time.sleep(1)
        product_cat = input("\nPlease provide new product category: ")
        time.sleep(1)
        product_price = input("\nPlease provide new product price: ")
        product_record.update({product_id: {'name': product_name, 'category': product_cat, 'price': product_price}})

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        time.sleep(1)
        print("\nOperation successful")
        time.sleep(1)
        print('\nUpdated product record is:\n', product_record, '\n')
    elif operation == '2':
        product_id = input("\nPlease provide the product id to be removed: ")
        time.sleep(1)
        product_record.pop(product_id)
        time.sleep(1)
        print("\nOperation successful")
        time.sleep(1)
        print('\nUpdated product record is:\n', product_record, '\n')
        time.sleep(1)

    admin_choice = input("\n Do you want to perform more operation (y/n): \n")

    if admin_choice == 'y':
        product_catalogue_modification()

def main():
    welcome()
    user_email = existing_user_login(user_record)
    product_update(user_email['user_email'])

main()

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