```
C:\Belajar>py project01.py
Welcome to the online gallery
Now tell me what you're here for
Input username:
```

```
C:\Belajar>py project01.py
Welcome to the online gallery
Now tell me what you're here for
Input username: john doe
Input password: 12345
I'm a (customer/seller): customer
```

```
How much money do you have on you? $1000
```

```
Hello sir, how can I help you with?

[A] - Show all paintings
[B] - Check painting
[C] - Buy painting
[D] - See your trolley
[Q] - Exit

I'd like to: a
```

```
name: Juan
total: 10
cost: $700
distribution date: 2020-10-01 23:59:59

name: Metamorphosis
total: 5
cost: $120
distribution date: 2020-10-01 23:59:59

name: Alpha Male
total: 0
cost: $135
distribution date: 2020-10-01 23:59:59

name: Asep
total: 17
cost: $75
distribution date: 2020-10-01 23:59:59

name: Tyler1
total: 2
cost: $10
distribution date: 2020-10-01 23:59:59
```

```
name: Kanye West
total: 35
cost: $20
distribution date: 2020-10-01 23:59:59

name: Honi
total: 20
cost: $20
distribution date: 2020-11-07 12:59:59

name: Pain
total: 20
cost: $30.0
distribution date: 2020-11-17 13:41:07

Press any key to return
```

```
Hello sir, how can I help you with?

[A] - Show all paintings
[B] - Check painting
[C] - Buy painting
[D] - See your trolley
[Q] - Exit

I'd like to: b
```

```
What item do you want to check my good sir? alpha male
Painting is sold out, sorry
Press any key to return
```

```
What item do you want to check my good sir? doge
Painting unavailable
Press any key to return
```

```
What item do you want to check my good sir? juan
```



```
total: 10
cost: $700
distribution date: 2020-10-01 23:59:59

Press any key to return
```

```
Hello sir, how can I help you with?

[A] - Show all paintings
[B] - Check painting
[C] - Buy painting
[D] - See your trolley
[Q] - Exit

I'd like to: c
```

```
What item do you want to buy my good lad?   asep
How many items do you want to buy? 10

Thank you for making a purchase!
Total cost: 750
Paid: 1000.0
Change: 250.0
Money left: 250.0
Time of purchase: 2020-11-21 11:29:05.189902

Press any key to return _
```

```
What item do you want to buy my good lad?   asep
How many items do you want to buy? 100
Demand exceeds stocks, sorry for the inconvenience
Press any key to return _
```

```
What item do you want to buy my good lad?   honi
How many items do you want to buy? 20
You nothin but a broke boy boy boy boy
Press any key to return _
```

```
What item do you want to buy my good lad?   doge
How many items do you want to buy? 1
Painting is currently unavailable, sorry for the inconvenience
Press any key to return _
```

```
Hello sir, how can I help you with?

[A] - Show all paintings
[B] - Check painting
[C] - Buy painting
[D] - See your trolley
[Q] - Exit

I'd like to: d_
```

```
name: Asep
total: 10
time of purchase: ['Sat Nov 21 11:29:05 2020']

Slide 1/1
```

```
Money: $250.0
Item bought: 10
Time spent: 0 hours 11 minutes 11 seconds

Press any key to return
```

```
Hello sir, how can I help you with?

[A] - Show all paintings
[B] - Check painting
[C] - Buy painting
[D] - See your trolley
[Q] - Exit

I'd like to: q
```

```
Are you sure you want to exit?(yes/no) no
ok welcome back i guess...
what's your role this time?
I'm a (customer/seller): seller
```

```
Welcome back boss, now what do you want to do today?

[A] - Show all paintings
[B] - Check painting
[C] - Sell painting
[D] - Remove painting
[E] - Edit painting
[F] - Check history
[Q] - Exit

I'd like to: c
```

```
Painting name: pain
Painting name already exist
Press any key to return
```

```
Painting name: poggers
Number of paintings: 40
Painting cost: $75
Painting preview: :O
Deal completed!
Press any key to return
```

```
Welcome back boss, now what do you want to do today?

[A] - Show all paintings
[B] - Check painting
[C] - Sell painting
[D] - Remove painting
[E] - Edit painting
[F] - Check history
[Q] - Exit

I'd like to: b
```

```
What item do you want to check boss? poggers

:O
total: 40
cost: $90.0
distribution date: 2020-11-21 11:38:06

Press any key to return
```

```
Welcome back boss, now what do you want to do today?

[A] - Show all paintings
[B] - Check painting
[C] - Sell painting
[D] - Remove painting
[E] - Edit painting
[F] - Check history
[Q] - Exit

I'd like to: d
```

```
What item do you want to remove boss? pain
Painting removed!
Press any key to return
```

```
Welcome back boss, now what do you want to do today?

[A] - Show all paintings
[B] - Check painting
[C] - Sell painting
[D] - Remove painting
[E] - Edit painting
[F] - Check history
[Q] - Exit

I'd like to: e
```

```
What item do you want to edit boss? poggers
Use 0 if you want to keep it to default

New name: pog
New total of painting: notANumber
Invalid number, will use default value instead
New cost of painting: $0
New preview for painting: 0
Press any key to return _
```

```
Welcome back boss, now what do you want to do today?

[A] - Show all paintings
[B] - Check painting
[C] - Sell painting
[D] - Remove painting
[E] - Edit painting
[F] - Check history
[Q] - Exit

I'd like to: b_
```

```
What item do you want to check boss? poggers
Painting unavailable
Press any key to return
```

```
What item do you want to check boss? pog

:O
total: 40
cost: $90.0
distribution date: 2020-11-21 11:43:34

Press any key to return _
```

```
Welcome back boss, now what do you want to do today?

[A] - Show all paintings
[B] - Check painting
[C] - Sell painting
[D] - Remove painting
[E] - Edit painting
[F] - Check history
[Q] - Exit

I'd like to: f
```

```
Sold a painting at 2020-11-21 11:38:06.818537
Removed a painting at 2020-11-21 11:40:10.969185
Edited a painting at 2020-11-21 11:41:56.136294
Edited a painting at 2020-11-21 11:43:34.806223
Money: $3250.0
Time spent: 0 hours 11 minutes 18 seconds
Press any key to return_
```

```
Welcome back boss, now what do you want to do today?

[A] - Show all paintings
[B] - Check painting
[C] - Sell painting
[D] - Remove painting
[E] - Edit painting
[F] - Check history
[Q] - Exit

I'd like to: q
```

```
Are you sure you want to exit?(yes/no) yes
ok bye bye

C:\Belajar>
```

```
C:\Belajar>py project01.py
Welcome to the online gallery
Now tell me what you're here for
Input username: john doe
Input password:
Wrong password!
Input username: john dOe
Input password: a
Wrong password!
Input username: johN dOE
Input password:
Wrong password!
Input username: jOhn DoE
Input password: 1
Wrong password!
Input username: joHn DoE
Input password: 00
Wrong password!
Input username: JoHn DoE
Input password: 12345
Welcome back John Doe
I'm a (customer/seller): seller_
```

Other Features:

- Creates a folder and json file for usernames and item object just in case it doesn't exist yet
- Username inputs that don't exist in the username json will create itself and will ask for a new password input while username inputs that do exist will ask for the existing password
- All string inputs will be altered by lowercase and title
- Most numbers, if inputted as negative, will automatically be translated to positive
- Time spent will be counted and reset every time user changes roles or after a session ends
- The username json will only be updated after quitting through the code (clicking X immediately will not save the username data)
- There's a provided username that was implemented manually in the username json called "Poopoo"