

# API Document for Craft Payment

## 1. Register : signup for the new user

- Type: POST
- Parameter content type: application/json
- Request mapping: /register
- Request body:

```
{
  "email": "craft@knowledge.com",
  "card_no" : "cp-199",
  "password": 456789,
  "amount" : 2000
}
```

- Response body:

If the request body is correct or the email doesn't exist, It will return success message for code **200 OK**

```
{
  "msg": "you registered successfully!"
}
```

And It sends a message with his/her card number with the provided email.



If the request body is incorrect or the email already exists, It will return error message for code **400 BAD REQUEST**

```
{
  "msg": "duplicate email, check and try again!"
}
```

## 2. Login: login with registered username/email and password

- Type: POST
- Parameter content type: application/json
- Request mapping: /login
- Request body:

```
{
  "username": "craft@knowledge.com",
  "password": "456789"
}
```

- Response body:

If the request body is correct or the username and password is exist in the database, It will return the user information with success message for code **200 OK**

```
{
  "password": "456789",
  "UserInfoId": 3,
  "registrationDate": "2021-09-29T10:50:41",
  "card_no": "123456",
  "email": "craft@knowledge.com",
  "reamount": "2000",
  "status": "active"
}
```

If the request body is incorrect or the username or password is not correct, It will return error message for code **401 Unauthorized**

```
{
  "msg": "Invalid username or password"
}
```

### 3. Pay: checkout the product by paying with their credentials

- Type: POST
- Parameter content type: application/json
- Request mapping: /pay
- Request body:

```
{
  "uid": 3,
  "price": 100,
  "pname": "pc"
}
```

- Response body

If the remaining amount is greater than the price of the product, it places the order with code: **200 OK**

```
{
  "msg": "you paid successfully!, your order is placed"
}
```

If the remaining amount is less than the price of the product, it will not place the order and response code of : **400 BAD REQUEST**

```
{
  "msg": "you have insufficient amount, your order is not placed"
}
```