

000 0000 RestAPI

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```
GET /products HTTP/1.1
Host: localhost:8080
```

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```
{
  "success" : true,
  "response" : [ {
    "id" : 1,
    "productName" : "000 0000 000 00000/000000 000 0 0000 000",
    "description" : "",
    "image" : "/images/1.jpg",
    "price" : 1000
  }, {
    "id" : 2,
    "productName" : "[00000 00]202200 00 000700g0/000/00",
    "description" : "",
    "image" : "/images/2.jpg",
    "price" : 2000
  }, {
    "id" : 3,
    "productName" : "0000 JBL JR310 0 0000/000 000 30!",
    "description" : "",
    "image" : "/images/3.jpg",
    "price" : 30000
  }, {
    "id" : 4,
    "productName" : "00 0000 0000 200 000000 / 0 70",
    "description" : "",
    "image" : "/images/4.jpg",
    "price" : 4000
  }, {
    "id" : 5,
    "productName" : "[00] 000000, 000 100g/300g 0 0000 00 /000 00/0000",
  }
```

```

    "description" : "",
    "image" : "/images/5.jpg",
    "price" : 5000
  }, {
    "id" : 6,
    "productName" : "스마트 폰 1,050g 20 MP 카메라",
    "description" : "",
    "image" : "/images/6.jpg",
    "price" : 15900
  }, {
    "id" : 7,
    "productName" : "eoe 스마트 폰 30MP, 16GB 메모리",
    "description" : "",
    "image" : "/images/7.jpg",
    "price" : 26800
  }, {
    "id" : 8,
    "productName" : "스마트 PDRN 폰 20. 16GB/16GB",
    "description" : "",
    "image" : "/images/8.jpg",
    "price" : 25900
  }, {
    "id" : 9,
    "productName" : "스마트폰 VR2 16GB 16GB",
    "description" : "",
    "image" : "/images/9.jpg",
    "price" : 797000
  } ],
  "error" : null
}

```

스마트 폰 1,050g 20 MP 카메라

스마트 폰

```

GET /products/1 HTTP/1.1
Host: localhost:8080

```

스마트 폰

```

{
  "success" : true,
  "response" : {
    "id" : 1,
    "productName" : "스마트 폰 1,050g 20 MP 카메라",
    "description" : "",

```

```
"image" : "/images/1.jpg",
"price" : 1000,
"starCount" : 5,
"options" : [ {
  "id" : 1,
  "optionName" : "01. 0000 000 00000000 4",
  "price" : 10000
}, {
  "id" : 2,
  "optionName" : "02. 0000 000 000000 5",
  "price" : 10900
}, {
  "id" : 3,
  "optionName" : "0000 000 S(00) 6",
  "price" : 9900
}, {
  "id" : 4,
  "optionName" : "0000 0000 1300 12",
  "price" : 16900
}, {
  "id" : 5,
  "optionName" : "20 00000 6",
  "price" : 8900
} ]
},
"error" : null
}
```

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```
GET /products/100 HTTP/1.1
Host: localhost:8080
```

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```
{
  "success" : false,
  "response" : null,
  "error" : {
    "message" : "00 000 00 0 0000 : 100",
    "status" : 404
  }
}
```

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```
POST /check HTTP/1.1
Content-Type: application/json;charset=UTF-8
Content-Length: 34
Host: localhost:8080
```

```
{
  "email" : "minju@nate.com"
}
```

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```
{
  "success" : true,
  "response" : null,
  "error" : null
}
```

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```
POST /check HTTP/1.1
Content-Type: application/json;charset=UTF-8
Content-Length: 33
Host: localhost:8080
```

```
{
  "email" : "ssar@nate.com"
}
```

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```
{
  "success" : false,
```

```
"response" : null,
"error" : {
  "message" : "이메일 형식 : ssar@nate.com",
  "status" : 400
}
}
```

이메일 형식 검사 2

- 이메일 형식 검사

요청

```
POST /check HTTP/1.1
Content-Type: application/json;charset=UTF-8
Content-Length: 33
Host: localhost:8080

{
  "email" : "minjunate.com"
}
```

응답

```
{
  "success" : false,
  "response" : null,
  "error" : {
    "message" : "이메일 형식:email",
    "status" : 400
  }
}
```

회원가입

요청

```
POST /join HTTP/1.1
Content-Type: application/json;charset=UTF-8
Content-Length: 93
Host: localhost:8080
```

```
{
  "email" : "minju@nate.com",
  "password" : "minju1234!",
  "username" : "minjukwak"
}
```

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```
{
  "success" : true,
  "response" : null,
  "error" : null
}
```

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```
POST /join HTTP/1.1
Content-Type: application/json;charset=UTF-8
Content-Length: 92
Host: localhost:8080
```

```
{
  "email" : "minjunate.com",
  "password" : "minju1234!",
  "username" : "minjukwak"
}
```

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```
{
  "success" : false,
  "response" : null,
  "error" : {
    "message" : "□□□ □□□□ □□□□□□:email",
    "status" : 400
  }
}
```

테스트 2

- 테스트 1을 통과한 후 테스트 2

요청

```
POST /join HTTP/1.1
Content-Type: application/json;charset=UTF-8
Content-Length: 92
Host: localhost:8080
```

```
{
  "email" : "minju@nate.com",
  "password" : "minju1234",
  "username" : "minjukwak"
}
```

응답

```
{
  "success" : false,
  "response" : null,
  "error" : {
    "message" : "이메일, 비밀번호, 사용자명 중 하나 이상 일치하지 않습니다.",
    "status" : 400
  }
}
```

테스트 3

- 테스트 1을 통과한 후 테스트 2

요청

```
POST /join HTTP/1.1
Content-Type: application/json;charset=UTF-8
Content-Length: 90
Host: localhost:8080
```

```
{
  "email" : "minju@nate.com",
  "password" : "minju1!",
  "username" : "minjukwak"
}
```

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```
{
  "success" : false,
  "response" : null,
  "error" : {
    "message" : "800 200 □□□□ □□□.:password",
    "status" : 400
  }
}
```

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```
POST /login HTTP/1.1
Content-Type: application/json;charset=UTF-8
Content-Length: 62
Host: localhost:8080
```

```
{
  "email" : "ssar@nate.com",
  "password" : "meta1234!"
}
```

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```
{
  "success" : true,
  "response" : null,
  "error" : null
}
```

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```
POST /login HTTP/1.1
Content-Type: application/json;charset=UTF-8
```



```
Content-Length: 64
Host: localhost:8080
```

```
{
  "email" : "minju@nate.com",
  "password" : "minju1234!"
}
```

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```
{
  "success" : false,
  "response" : null,
  "error" : {
    "message" : "□□□□ □□ □ □□□ : minju@nate.com",
    "status" : 400
  }
}
```

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```
POST /login HTTP/1.1
Content-Type: application/json;charset=UTF-8
Content-Length: 61
Host: localhost:8080
```

```
{
  "email" : "ssarnate.com",
  "password" : "meta1234!"
}
```

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```
{
  "success" : false,
  "response" : null,
  "error" : {
    "message" : "□□□ □□□□ □□□□□□:email",
    "status" : 400
  }
}
```

```
}
```

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```
POST /login HTTP/1.1
Content-Type: application/json;charset=UTF-8
Content-Length: 61
Host: localhost:8080
```

```
{
  "email" : "ssar@nate.com",
  "password" : "meta1234"
}
```

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```
{
  "success" : false,
  "response" : null,
  "error" : {
    "message" : "□□, □□, □□□□□ □□□□□□ □□ □□ □ □□□.:password",
    "status" : 400
  }
}
```

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```
POST /login HTTP/1.1
Content-Type: application/json;charset=UTF-8
Content-Length: 60
Host: localhost:8080
```

```
{
  "email" : "ssar@nate.com",
```

```
"password" : "meta12!"  
}
```

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```
{  
  "success" : false,  
  "response" : null,  
  "error" : {  
    "message" : "800 200 0000 000.:password",  
    "status" : 400  
  }  
}
```

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```
POST /carts/add HTTP/1.1  
Content-Type: application/json;charset=UTF-8  
Content-Length: 45  
Host: localhost:8080  
  
[ {  
  "optionId" : 3,  
  "quantity" : 5  
} ]
```

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```
{  
  "success" : true,  
  "response" : null,  
  "error" : null  
}
```

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```
POST /carts/add HTTP/1.1
Content-Type: application/json;charset=UTF-8
Content-Length: 88
Host: localhost:8080
```

```
[ {
  "optionId" : 1,
  "quantity" : 5
}, {
  "optionId" : 1,
  "quantity" : 3
} ]
```

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```
{
  "success" : false,
  "response" : null,
  "error" : {
    "message" : "□□□□ □□ □□□□.",
    "status" : 400
  }
}
```

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```
POST /carts/add HTTP/1.1
Content-Type: application/json;charset=UTF-8
Content-Length: 47
Host: localhost:8080
```

```
[ {
  "optionId" : 100,
  "quantity" : 5
} ]
```

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```
{
  "success" : false,
  "response" : null,
  "error" : {
    "message" : "API 호출 실패 : 100",
    "status" : 404
  }
}
```

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```
GET /carts HTTP/1.1
Host: localhost:8080
```

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```
{
  "success" : true,
  "response" : {
    "products" : [ {
      "id" : 1,
      "productName" : "스마트폰 케이스 / 아이폰용 케이스",
      "carts" : [ {
        "id" : 1,
        "option" : {
          "id" : 1,
          "optionName" : "01. 아이폰 케이스",
          "price" : 10000
        },
        "quantity" : 5,
        "price" : 50000
      }, {
        "id" : 2,
        "option" : {
          "id" : 2,
          "optionName" : "02. 아이폰 케이스",
          "price" : 10900
        },
        "quantity" : 1,
        "price" : 10900
      } ]
    } ]
  }
}
```

```

    }, {
      "id" : 4,
      "productName" : "00 0000 0000 200 000000 / 0 70",
      "carts" : [ {
        "id" : 3,
        "option" : {
          "id" : 16,
          "optionName" : "0002_0000000000 600",
          "price" : 50000
        },
        "quantity" : 5,
        "price" : 250000
      } ]
    } ],
    "totalPrice" : 310900
  },
  "error" : null
}

```

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- 00000000 0 000 0000 00, 00 0000 00 API0 0000 00.

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```

POST /carts/update HTTP/1.1
Content-Type: application/json;charset=UTF-8
Content-Length: 86
Host: localhost:8080

```

```

[ {
  "cartId" : 1,
  "quantity" : 10
}, {
  "cartId" : 2,
  "quantity" : 10
} ]

```

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```

{
  "success" : true,
  "response" : {
    "carts" : [ {

```

```

    "cartId" : 1,
    "optionId" : 1,
    "optionName" : "01. 0000 000 00000000 4",
    "quantity" : 10,
    "price" : 100000
  }, {
    "cartId" : 2,
    "optionId" : 2,
    "optionName" : "02. 0000 000 000000 5",
    "quantity" : 10,
    "price" : 109000
  }, {
    "cartId" : 3,
    "optionId" : 16,
    "optionName" : "0002_0000000000 6",
    "quantity" : 5,
    "price" : 250000
  } ],
  "totalPrice" : 459000
},
"error" : null
}

```

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```

POST /carts/update HTTP/1.1
Content-Type: application/json;charset=UTF-8
Content-Length: 86
Host: localhost:8080

[ {
  "cartId" : 1,
  "quantity" : 10
}, {
  "cartId" : 1,
  "quantity" : 10
} ]

```

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```

{
  "success" : false,

```

```
"response" : null,
"error" : {
  "message" : "수량 초과로 구매할 수 없습니다.",
  "status" : 400
}
}
```

수량 초과로 구매할 수 없습니다 2

- 수량 초과로 구매할 수 없습니다

요청

```
POST /carts/update HTTP/1.1
Content-Type: application/json;charset=UTF-8
Content-Length: 44
Host: localhost:8080

[ {
  "cartId" : 4,
  "quantity" : 10
} ]
```

응답

```
{
  "success" : false,
  "response" : null,
  "error" : {
    "message" : "수량 초과로 구매할 수 없습니다 : 4",
    "status" : 400
  }
}
```

주문 저장

요청

```
POST /orders/save HTTP/1.1
Host: localhost:8080
```


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```
{
  "success" : true,
  "response" : {
    "id" : 2,
    "products" : [ {
      "id" : 1,
      "productName" : "□□ □□ □□ □□□□/□□□□ □□ □ □□□ □□",
      "items" : [ {
        "id" : 4,
        "optionName" : "01. □□□ □□ □□□□□□ 4□",
        "quantity" : 5,
        "price" : 50000
      }, {
        "id" : 5,
        "optionName" : "02. □□□ □□ □□□□□□ 5□",
        "quantity" : 1,
        "price" : 10900
      } ]
    }, {
      "id" : 4,
      "productName" : "□□ □□□ □□□ 2□ □□□□□ / □ 7□",
      "items" : [ {
        "id" : 6,
        "optionName" : "□□02_□□□□□□□□□□ 6□",
        "quantity" : 5,
        "price" : 250000
      } ]
    } ],
    "totalPrice" : 310900
  },
  "error" : null
}
```

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```
POST /orders/save HTTP/1.1
Host: localhost:8080
```

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```
{
  "success" : false,
  "response" : null,
  "error" : {
    "message" : "□□□□ □□ □□ □□ □□",
    "status" : 404
  }
}
```

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```
GET /orders/1 HTTP/1.1
Host: localhost:8080
```

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```
{
  "success" : true,
  "response" : {
    "id" : 1,
    "products" : [ {
      "id" : 1,
      "productName" : "□□ □□ □□ □□□□/□□□□ □□ □ □□ □□",
      "items" : [ {
        "id" : 1,
        "optionName" : "01. □□ □□ □□□□□□ 4□",
        "quantity" : 5,
        "price" : 50000
      }, {
        "id" : 2,
        "optionName" : "02. □□ □□ □□□□□□ 5□",
        "quantity" : 1,
        "price" : 10900
      } ]
    }, {
      "id" : 4,
      "productName" : "□□ □□ □□ 2□ □□□□□□ / □ 7□",
      "items" : [ {
        "id" : 3,
        "optionName" : "□□02_□□□□□□□□□□ 6□",

```

```
        "quantity" : 5,  
        "price" : 250000  
    } ]  
} ],  
"totalPrice" : 310900  
,  
"error" : null  
}
```

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```
GET /orders/10 HTTP/1.1  
Host: localhost:8080
```

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```
{  
  "success" : false,  
  "response" : null,  
  "error" : {  
    "message" : "□□ □□ □□ □ □□□ : 10",  
    "status" : 400  
  }  
}
```