



Marketplace ^{1.0.0}

This is the documentation of the Marketplace server APIs

product Product to buy or sell on the marketplace



POST `/api/products` Add a new product to sell on the marketplace



Parameters

Try it out

Name	Description
------	-------------

body <small>* required</small> object (body)	Product object that needs to be added to the marketplace
---	--

Example Value Model

```
{
  "name": "1960 vintage watch",
  "description": "This is a watch kept in pristine condition and passed
down as a family heirloom",
  "price": 2000,
  "imageUrl": "000190242.png"
}
```

Parameter content type

application/json

Responses

Response content type

application/json

Code	Description
------	-------------

200	Product is added successfully
-----	-------------------------------

Code	Description
400	Content cannot be empty
401	Unauthorized access
403	Forbidden access or no bearer token provided
404	User Not found
500	Error while creating the Product

GET /api/products Get all the user's products on the marketplace



Parameters

Try it out

No parameters

Responses

Response content type

application/json

Code	Description
200	Success
401	Unauthorized access
403	Forbidden access or no bearer token provided
500	Error while creating the Product

PUT `/api/products/{id}` Update an existing product's status and buyer

Parameters Try it out

Name	Description
id * required integer ()	ID of product that is to be updated from status 'Available' to 'Sold'

id

Responses Response content type **application/json**

Code	Description
200	Success
401	Unauthorized access
403	Forbidden access or no bearer token provided
500	Error updating Product

auth Authentication covering signin & signup

GET `/api/products/search?name=${name}` Get and search/filter other users' products on the marketplace

POST `/api/auth/signup` Create a new user from signup

Parameters Try it out

Name	Description
body * required object (body)	User object that is need to create new user

Example Value Model

Name	Description
------	-------------

```
{
  "username": "David Sim",
  "email": "davisSim@yahoo.com",
  "password": "*****"
}
```

Parameter content type

application/json

Responses

Response content type

application/json

Code	Description
------	-------------

200	User is registered successfully
500	Error while creating the User.

POST /api/auth/signin Sign in for a user from login data

Parameters

Try it out

Name	Description
------	-------------

body * required
object
(body)

User object to authenticate user for signin to application

Example Value Model

```
{
  "username": "David Sim",
  "password": "*****"
}
```

Parameter content type

application/json

Responses

Response content type

application/json

Code

Description

200

User is signed in successfully

401

Invalid password

404

User not found

500

Error while creating the User.

upload

 Image file upload for product

POST

/api/upload Upload an image for a product



Parameters

Try it out

Name

Description

file * required

file

Image file that to be uploaded

(formData)

Browse...

No f...ed.

Responses

Response content type

application/json

Code

Description

200

Image is uploaded succesfully

500

Error when trying to upload images

Models



```
UserSignup  {
  username*   string
              example: David Sim
  email*      string
              example: davisSim@yahoo.com
  password*   string
              example: *****
}

UserSignin {
  username*   string
              example: David Sim
  password*   string
              example: *****
}

Product    {
  name*       string
              example: 1960 vintage watch
  description  string
              example: This is a watch kept in pristine condition and
              passed down as a family heirloom
  price*      number($float)
              example: 2000
  imageUrl    string
              example: 000190242.png
}
```