

# Practical 5 API docs

## API Documentation

### Users

#### Login

Request Type

- Method: POST
- Content-Type: application/json

Request

```
{
  type: 'login',
  email: 'email',
  password: 'password'
}
```

Return

```
{ //Success
  status: 'success',
  message: 'Login successful'
  user: {
    user_id : 'user_id',
    name : 'name',
    email : 'email',
    user_type : 'user_type'
    apikey: 'apikey'
  }
}

{ //Error
  status: 'error',
  message: 'Invalid email or password'
}
```

#### Registration

Request Type

- **Method:** POST
- **Content-Type:** application/json

Request

```
{
  type: 'Register',
  email: 'email',
  name: 'name',
  password: 'password',
  user_type: 'customer/store owner',
  *registrationNo: '2025/123456/01'
}
```

\*Only required if user is a store owner. Format of registration numbers found at [https://www.inv24.co.za/za/blog/invoice\\_reg\\_nr/](https://www.inv24.co.za/za/blog/invoice_reg_nr/).

Return

```
{ //Success
  status: 'success',
  name: 'name',
  type: 'type',
  apikey: 'apikey'
}

{ //Error
  status: 'error',
  message: 'some error message'
}
```

#### Update user settings

Request Type

- **Method:** POST

- **Content-Type:** application/json

Request

```
{
  type: 'update_settings',
  apikey: 'apikey',
  *theme: 0,
  *min_price: 0.0,
  *max_price: 1000.0,
}
```

\*at least one of the parameters is required

Return

```
{ //Success
  status: 'success',
  message: 'settings updated'
}

{ //Error
  status: 'error',
  message: 'some error message'
}
```

## Product

### GetAllProducts

Request Type

- **Method:** POST
- **Content-Type:** application/json

Request

```
{
  type: 'GetAllProducts'
}
```

\*at least one of the parameters is required

Return

```
{
  status: 'success',
  message: 'Products fetched successfully',
  data: [
    {
      id: 'id',
      title: 'title',
      price: 50.00,
      product_link: 'link to products google shopping page',
      description: 'description',
      launch_date: 'Date the product was added to our database',
      thumbnail: 'link to load image of product',
      category: 'category',
      brand_id: 'brand_id'
    },
    {
      ...
    },
    {
      ...
    }
  ]
}
```

### Adding Product

Request Type

- **Method:** POST
- **Content-Type:** application/json

Request

```
{
  type: 'AddProduct',
}
```

\*at least one of the parameters is required

Return

## Delete Product

Request Type

- **Method:** POST
- **Content-Type:** application/json

Request

```
{
  type: 'DeleteProduct',
}
```

\*at least one of the parameters is required

Return

## Edit Product

Request Type

- **Method:** POST
- **Content-Type:** application/json

Request

```
{
  type: 'EditProduct',
}
```

\*at least one of the parameters is required

Return

## Filter Products

Request Type

- **Method:** POST
- **Content-Type:** application/json

Request

```
{
  type: 'GetFilteredProducts',
}
```

\*at least one of the parameters is required

Return

## Rating

### Add Rating

Request Type

- **Method:** POST
- **Content-Type:** application/json

Request

```
{
  type: 'SubmitRating',
}
```

\*at least one of the parameters is required

Return

### Delete Rating

Request Type

- **Method:** POST
- **Content-Type:** application/json

Request

```
{
  type: 'DeleteRating',
}
```

\*at least one of the parameters is required

Return

## Edit Rating

Request Type

- **Method:** POST
- **Content-Type:** application/json

Request

```
{
  type: 'EditRating',
}
```

\*at least one of the parameters is required

Return

## Stores

### Get Stores

Request Type

- **Method:** POST
- **Content-Type:** application/json

Request

```
{
  type: 'GetStores',
}
```

\*at least one of the parameters is required

Return

### Follow Store

Request Type

- **Method:** POST
- **Content-Type:** application/json

Request

```
{
  type: 'Follow',
}
```

\*at least one of the parameters is required

Return

### Get the stores that a user follows

Request Type

- **Method:** POST
- **Content-Type:** application/json

Request

```
{
  type: 'GetFollowing',
}
```

\*at least one of the parameters is required

Return

### Unfollow a store

Request Type

- **Method:** POST
- **Content-Type:** application/json

Request

```
{
  type: 'Unfollow',
}
```

\*at least one of the parameters is required

Return