**Phase-3 Project Documentation:** **Make an E-commerce Website for Sporty Shoes**

* **Folder Name: Phase-3-Project-**🡪 **Project FolderName: Sporty-Shoes-App**
* **GitHuB repository link:**
* Swagger Documentation for reference:

[**[swagger](http://swagger.io/)swagger**](http://swagger.io/)

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**Explore**

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**Api Documentation**

Api Documentation

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* [**login-controller**](http://localhost:8080/swagger-ui.html#!/login45controller)**: Login Controller**
  + [Show/Hide](http://localhost:8080/swagger-ui.html#!/login45controller)
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* [**shoes-controller**](http://localhost:8080/swagger-ui.html#!/shoes45controller)**: Shoes Controller**
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**[ base url: / , api version: 1.0 ]**

**login-controller**Show/HideList OperationsExpand Operations

* + - [**PUT**](http://localhost:8080/swagger-ui.html#!/login45controller/updatePasswordUsingPUT)[**/changepassword/{id}**](http://localhost:8080/swagger-ui.html#!/login45controller/updatePasswordUsingPUT)

[updatePassword](http://localhost:8080/swagger-ui.html" \l "!/login45controller/updatePasswordUsingPUT)

* + - **Response Class (Status 200)**
    - OK
      * [Model](http://localhost:8080/swagger-ui.html)
      * [Example Value](http://localhost:8080/swagger-ui.html)
    - {
    - "id": 0,
    - "password": "string",
    - "username": "string"

}

Response Content Type  

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**Parameters**

| Parameter | Value | Description | Parameter Type | Data Type |
| --- | --- | --- | --- | --- |
| **login** | Parameter content type: | **login** | body | * + - * [Model](http://localhost:8080/swagger-ui.html)       * [Example Value](http://localhost:8080/swagger-ui.html)   {  "id": 0,  "password": "string",  "username": "string"  } |
| **id** |  | **id** | path | long |

**Response Messages**

| HTTP Status Code | Reason | Response Model | Headers |
| --- | --- | --- | --- |
| 201 | Created |  | |  | | --- | |  | |
| 401 | Unauthorized |  | |  | | --- | |  | |
| 403 | Forbidden |  | |  | | --- | |  | |
| 404 | Not Found |  | |  | | --- | |  | |



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* + - [**GET**](http://localhost:8080/swagger-ui.html#!/login45controller/loginUsingGET)[**/login**](http://localhost:8080/swagger-ui.html#!/login45controller/loginUsingGET)

[login](http://localhost:8080/swagger-ui.html" \l "!/login45controller/loginUsingGET)

* + - **Response Class (Status 200)**
    - OK
      * [Model](http://localhost:8080/swagger-ui.html)
      * [Example Value](http://localhost:8080/swagger-ui.html)
    - {
    - "empty": true,
    - "model": {},
    - "modelMap": {},
    - "reference": true,
    - "status": "100 CONTINUE",
    - "view": {
    - "contentType": "string"
    - },
    - "viewName": "string"

}

Response Content Type  

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**Response Messages**

| HTTP Status Code | Reason | Response Model | Headers |
| --- | --- | --- | --- |
| 401 | Unauthorized |  | |  | | --- | |  | |
| 403 | Forbidden |  | |  | | --- | |  | |
| 404 | Not Found |  | |  | | --- | |  | |



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* + - [**POST**](http://localhost:8080/swagger-ui.html#!/login45controller/loginUsingPOST)[**/login**](http://localhost:8080/swagger-ui.html#!/login45controller/loginUsingPOST)

[login](http://localhost:8080/swagger-ui.html" \l "!/login45controller/loginUsingPOST)

* + - **Response Class (Status 200)**
    - string
    - Response Content Type  

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* + - **Parameters**

| Parameter | Value | Description | Parameter Type | Data Type |
| --- | --- | --- | --- | --- |
| id |  |  | query | long |
| username |  |  | query | string |
| password |  |  | query | string |

* + - **Response Messages**

| HTTP Status Code | Reason | Response Model | Headers |
| --- | --- | --- | --- |
| 201 | Created |  | |  | | --- | |  | |
| 401 | Unauthorized |  | |  | | --- | |  | |
| 403 | Forbidden |  | |  | | --- | |  | |
| 404 | Not Found |  | |  | | --- | |  | |

* + - 

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* + - [**POST**](http://localhost:8080/swagger-ui.html#!/login45controller/logoutDoUsingPOST)[**/logout**](http://localhost:8080/swagger-ui.html#!/login45controller/logoutDoUsingPOST)

[logoutDo](http://localhost:8080/swagger-ui.html" \l "!/login45controller/logoutDoUsingPOST)

* + - **Response Class (Status 200)**
    - string
    - Response Content Type  

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* + - **Response Messages**

| HTTP Status Code | Reason | Response Model | Headers |
| --- | --- | --- | --- |
| 201 | Created |  | |  | | --- | |  | |
| 401 | Unauthorized |  | |  | | --- | |  | |
| 403 | Forbidden |  | |  | | --- | |  | |
| 404 | Not Found |  | |  | | --- | |  | |

* + - 

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* [**shoes-controller**](http://localhost:8080/swagger-ui.html#!/shoes45controller)**: Shoes Controller**
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  + [List Operations](http://localhost:8080/swagger-ui.html)
  + [Expand Operations](http://localhost:8080/swagger-ui.html)
    - [**POST**](http://localhost:8080/swagger-ui.html#!/shoes45controller/addProductUsingPOST)[**/addproducts**](http://localhost:8080/swagger-ui.html#!/shoes45controller/addProductUsingPOST)

[addProduct](http://localhost:8080/swagger-ui.html" \l "!/shoes45controller/addProductUsingPOST)

* + - [**DELETE**](http://localhost:8080/swagger-ui.html#!/shoes45controller/deleteProductUsingDELETE)[**/deleteproducts/{id}**](http://localhost:8080/swagger-ui.html#!/shoes45controller/deleteProductUsingDELETE)

[deleteProduct](http://localhost:8080/swagger-ui.html" \l "!/shoes45controller/deleteProductUsingDELETE)

* + - [**GET**](http://localhost:8080/swagger-ui.html#!/shoes45controller/getAllProductUsingGET)[**/products**](http://localhost:8080/swagger-ui.html#!/shoes45controller/getAllProductUsingGET)

[getAllProduct](http://localhost:8080/swagger-ui.html" \l "!/shoes45controller/getAllProductUsingGET)

* + - [**GET**](http://localhost:8080/swagger-ui.html#!/shoes45controller/getShoesByIdUsingGET)[**/products/{id}**](http://localhost:8080/swagger-ui.html#!/shoes45controller/getShoesByIdUsingGET)

[getShoesById](http://localhost:8080/swagger-ui.html" \l "!/shoes45controller/getShoesByIdUsingGET)

* + - **Response Class (Status 200)**
    - OK
      * [Model](http://localhost:8080/swagger-ui.html)
      * [Example Value](http://localhost:8080/swagger-ui.html)
    - {
    - "brand": "string",
    - "createdAt": "2021-07-25",
    - "description": "string",
    - "id": 0,
    - "name": "string",
    - "price": 0

}

Response Content Type  

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**Parameters**

| Parameter | Value | Description | Parameter Type | Data Type |
| --- | --- | --- | --- | --- |
| **id** |  | **id** | path | long |

**Response Messages**

| HTTP Status Code | Reason | Response Model | Headers |
| --- | --- | --- | --- |
| 401 | Unauthorized |  | |  | | --- | |  | |
| 403 | Forbidden |  | |  | | --- | |  | |
| 404 | Not Found |  | |  | | --- | |  | |



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* + - [**GET**](http://localhost:8080/swagger-ui.html#!/shoes45controller/getShoesByBrandUsingGET)[**/shoes/brand**](http://localhost:8080/swagger-ui.html#!/shoes45controller/getShoesByBrandUsingGET)

[getShoesByBrand](http://localhost:8080/swagger-ui.html" \l "!/shoes45controller/getShoesByBrandUsingGET)

* + - **Response Class (Status 200)**
    - OK
      * [Model](http://localhost:8080/swagger-ui.html)
      * [Example Value](http://localhost:8080/swagger-ui.html)
    - [
    - {
    - "brand": "string",
    - "createdAt": "2021-07-25",
    - "description": "string",
    - "id": 0,
    - "name": "string",
    - "price": 0
    - }

]

Response Content Type  

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**Parameters**

| Parameter | Value | Description | Parameter Type | Data Type |
| --- | --- | --- | --- | --- |
| **brand** |  | **brand** | query | string |

**Response Messages**

| HTTP Status Code | Reason | Response Model | Headers |
| --- | --- | --- | --- |
| 401 | Unauthorized |  | |  | | --- | |  | |
| 403 | Forbidden |  | |  | | --- | |  | |
| 404 | Not Found |  | |  | | --- | |  | |



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* + - [**GET**](http://localhost:8080/swagger-ui.html#!/shoes45controller/getShoesByBrandAndPriceUsingGET)[**/shoes/brandandprice**](http://localhost:8080/swagger-ui.html#!/shoes45controller/getShoesByBrandAndPriceUsingGET)

[getShoesByBrandAndPrice](http://localhost:8080/swagger-ui.html" \l "!/shoes45controller/getShoesByBrandAndPriceUsingGET)

* + - **Response Class (Status 200)**
    - OK
      * [Model](http://localhost:8080/swagger-ui.html)
      * [Example Value](http://localhost:8080/swagger-ui.html)
    - [
    - {
    - "brand": "string",
    - "createdAt": "2021-07-25",
    - "description": "string",
    - "id": 0,
    - "name": "string",
    - "price": 0
    - }

]

Response Content Type  

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**Parameters**

| Parameter | Value | Description | Parameter Type | Data Type |
| --- | --- | --- | --- | --- |
| **brand** |  | **brand** | query | string |
| **price** |  | **price** | query | double |

**Response Messages**

| HTTP Status Code | Reason | Response Model | Headers |
| --- | --- | --- | --- |
| 401 | Unauthorized |  | |  | | --- | |  | |
| 403 | Forbidden |  | |  | | --- | |  | |
| 404 | Not Found |  | |  | | --- | |  | |



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* + - [**GET**](http://localhost:8080/swagger-ui.html#!/shoes45controller/getShoesByCreatedDateUsingGET)[**/shoes/createdat**](http://localhost:8080/swagger-ui.html#!/shoes45controller/getShoesByCreatedDateUsingGET)

[getShoesByCreatedDate](http://localhost:8080/swagger-ui.html" \l "!/shoes45controller/getShoesByCreatedDateUsingGET)

* + - **Response Class (Status 200)**
    - OK
      * [Model](http://localhost:8080/swagger-ui.html)
      * [Example Value](http://localhost:8080/swagger-ui.html)
    - [
    - {
    - "brand": "string",
    - "createdAt": "2021-07-25",
    - "description": "string",
    - "id": 0,
    - "name": "string",
    - "price": 0
    - }

]

Response Content Type  

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**Parameters**

| Parameter | Value | Description | Parameter Type | Data Type |
| --- | --- | --- | --- | --- |
| **startDate** |  | **startDate** | query | date |
| **endDate** |  | **endDate** | query | date |

**Response Messages**

| HTTP Status Code | Reason | Response Model | Headers |
| --- | --- | --- | --- |
| 401 | Unauthorized |  | |  | | --- | |  | |
| 403 | Forbidden |  | |  | | --- | |  | |
| 404 | Not Found |  | |  | | --- | |  | |



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* + - [**GET**](http://localhost:8080/swagger-ui.html#!/shoes45controller/getShoesByNameOrBrandOrPriceUsingGET)[**/shoes/nameorbrandorprice**](http://localhost:8080/swagger-ui.html#!/shoes45controller/getShoesByNameOrBrandOrPriceUsingGET)

[getShoesByNameOrBrandOrPrice](http://localhost:8080/swagger-ui.html" \l "!/shoes45controller/getShoesByNameOrBrandOrPriceUsingGET)

* + - **Response Class (Status 200)**
    - OK
      * [Model](http://localhost:8080/swagger-ui.html)
      * [Example Value](http://localhost:8080/swagger-ui.html)
    - [
    - {
    - "brand": "string",
    - "createdAt": "2021-07-25",
    - "description": "string",
    - "id": 0,
    - "name": "string",
    - "price": 0
    - }

]

Response Content Type  

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**Parameters**

| Parameter | Value | Description | Parameter Type | Data Type |
| --- | --- | --- | --- | --- |
| **name** |  | **name** | query | string |
| **brand** |  | **brand** | query | string |
| **price** |  | **price** | query | double |

**Response Messages**

| HTTP Status Code | Reason | Response Model | Headers |
| --- | --- | --- | --- |
| 401 | Unauthorized |  | |  | | --- | |  | |
| 403 | Forbidden |  | |  | | --- | |  | |
| 404 | Not Found |  | |  | | --- | |  | |



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* + - [**GET**](http://localhost:8080/swagger-ui.html#!/shoes45controller/getShoesByPriceUsingGET)[**/shoes/price**](http://localhost:8080/swagger-ui.html#!/shoes45controller/getShoesByPriceUsingGET)

[getShoesByPrice](http://localhost:8080/swagger-ui.html" \l "!/shoes45controller/getShoesByPriceUsingGET)

* + - **Response Class (Status 200)**
    - OK
      * [Model](http://localhost:8080/swagger-ui.html)
      * [Example Value](http://localhost:8080/swagger-ui.html)
    - [
    - {
    - "brand": "string",
    - "createdAt": "2021-07-25",
    - "description": "string",
    - "id": 0,
    - "name": "string",
    - "price": 0
    - }

]

Response Content Type  

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**Parameters**

| Parameter | Value | Description | Parameter Type | Data Type |
| --- | --- | --- | --- | --- |
| **startPrice** |  | **startPrice** | query | double |
| **endPrice** |  | **endPrice** | query | double |

**Response Messages**

| HTTP Status Code | Reason | Response Model | Headers |
| --- | --- | --- | --- |
| 401 | Unauthorized |  | |  | | --- | |  | |
| 403 | Forbidden |  | |  | | --- | |  | |
| 404 | Not Found |  | |  | | --- | |  | |



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* + - [**PUT**](http://localhost:8080/swagger-ui.html#!/shoes45controller/updateProductUsingPUT)[**/updateproducts/{id}**](http://localhost:8080/swagger-ui.html#!/shoes45controller/updateProductUsingPUT)

[updateProduct](http://localhost:8080/swagger-ui.html" \l "!/shoes45controller/updateProductUsingPUT)

* + - **Response Class (Status 200)**
    - OK
      * [Model](http://localhost:8080/swagger-ui.html)
      * [Example Value](http://localhost:8080/swagger-ui.html)
    - {
    - "brand": "string",
    - "createdAt": "2021-07-25",
    - "description": "string",
    - "id": 0,
    - "name": "string",
    - "price": 0

}

Response Content Type  

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**Parameters**

| Parameter | Value | Description | Parameter Type | Data Type |
| --- | --- | --- | --- | --- |
| **product** | Parameter content type: | **product** | body | * + - * [Model](http://localhost:8080/swagger-ui.html)       * [Example Value](http://localhost:8080/swagger-ui.html)   {  "brand": "string",  "createdAt": "2021-07-25",  "description": "string",  "id": 0,  "name": "string",  "price": 0  } |
| **id** |  | **id** | path | long |

**Response Messages**

| HTTP Status Code | Reason | Response Model | Headers |
| --- | --- | --- | --- |
| 201 | Created |  | |  | | --- | |  | |
| 401 | Unauthorized |  | |  | | --- | |  | |
| 403 | Forbidden |  | |  | | --- | |  | |
| 404 | Not Found |  | |  | | --- | |  | |



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* [**user-controller**](http://localhost:8080/swagger-ui.html#!/user45controller)**: User Controller**
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  + [List Operations](http://localhost:8080/swagger-ui.html)
  + [Expand Operations](http://localhost:8080/swagger-ui.html)
    - [**GET**](http://localhost:8080/swagger-ui.html#!/user45controller/getAllUsersUsingGET)[**/api/v1/users**](http://localhost:8080/swagger-ui.html#!/user45controller/getAllUsersUsingGET)

[getAllUsers](http://localhost:8080/swagger-ui.html" \l "!/user45controller/getAllUsersUsingGET)

* + - [**POST**](http://localhost:8080/swagger-ui.html#!/user45controller/addUserUsingPOST)[**/api/v1/users**](http://localhost:8080/swagger-ui.html#!/user45controller/addUserUsingPOST)

[addUser](http://localhost:8080/swagger-ui.html" \l "!/user45controller/addUserUsingPOST)

* + - [**DELETE**](http://localhost:8080/swagger-ui.html#!/user45controller/deleteUserUsingDELETE)[**/api/v1/users/{id}**](http://localhost:8080/swagger-ui.html#!/user45controller/deleteUserUsingDELETE)

[deleteUser](http://localhost:8080/swagger-ui.html" \l "!/user45controller/deleteUserUsingDELETE)

* + - [**GET**](http://localhost:8080/swagger-ui.html#!/user45controller/getUsersByIdUsingGET)[**/api/v1/users/{id}**](http://localhost:8080/swagger-ui.html#!/user45controller/getUsersByIdUsingGET)

[getUsersById](http://localhost:8080/swagger-ui.html" \l "!/user45controller/getUsersByIdUsingGET)

* + - [**PUT**](http://localhost:8080/swagger-ui.html#!/user45controller/updateUserUsingPUT)[**/api/v1/users/{id}**](http://localhost:8080/swagger-ui.html#!/user45controller/updateUserUsingPUT)

[updateUser](http://localhost:8080/swagger-ui.html" \l "!/user45controller/updateUserUsingPUT)

**[ base url: / , api version: 1.0 ]**

[**user-controller**](http://localhost:8080/swagger-ui.html#!/user45controller)**: User Controller**

* [Show/Hide](http://localhost:8080/swagger-ui.html#!/user45controller)
* [List Operations](http://localhost:8080/swagger-ui.html)
* [Expand Operations](http://localhost:8080/swagger-ui.html)
  + [**GET**](http://localhost:8080/swagger-ui.html#!/user45controller/getAllUsersUsingGET)[**/api/v1/users**](http://localhost:8080/swagger-ui.html#!/user45controller/getAllUsersUsingGET)

[getAllUsers](http://localhost:8080/swagger-ui.html" \l "!/user45controller/getAllUsersUsingGET)

* + **Response Class (Status 200)**
  + OK
    - [Model](http://localhost:8080/swagger-ui.html)
    - [Example Value](http://localhost:8080/swagger-ui.html)
  + [
  + {
  + "email": "string",
  + "firstName": "string",
  + "id": 0,
  + "lastName": "string",
  + "password": "string"
  + }

]

Response Content Type  

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**Response Messages**

| HTTP Status Code | Reason | Response Model | Headers |
| --- | --- | --- | --- |
| 401 | Unauthorized |  | |  | | --- | |  | |
| 403 | Forbidden |  | |  | | --- | |  | |
| 404 | Not Found |  | |  | | --- | |  | |

[Hide Response](http://localhost:8080/swagger-ui.html)

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**Curl**

curl -X GET --header 'Accept: application/json' 'http://localhost:8080/api/v1/users'

**Request URL**

http://localhost:8080/api/v1/users

**Request Headers**

{  
 "Accept": "\*/\*"  
}

**Response Body**

[

{

"id": 1,

"email": "ravikumar@gmail.com",

"password": "Kumar",

"firstName": "ravi2022",

"lastName": "Ravi"

},

{

"id": 8,

"email": "ashish@gmail.com",

"password": "$2a$10$q0LGZjjJbMYUZkKZ3mAWs.cVYUPgcewBxhhLhllPEZQmhZ5Bmq7SW",

"firstName": "ashish",

"lastName": "idhol"

},

{

"id": 9,

"email": "vijay@gmail.com",

"password": "$2a$10$KojFW8WyUvWQiHdGw3f4tuplGnNJr.bo/xe7dPjRVA8.snfrl0iRO",

"firstName": "Vijay",

"lastName": "Sharma"

},

{

"id": 10,

"email": "vijay@gmail.com",

"password": "$2a$10$UCpEJnyCpm8CyoMIt3xdZuMvR4q5ygkxuO8/lD3coMcrU/b21MeEy",

"firstName": "Vijay",

"lastName": "Sharma"

},

{

"id": 11,

"email": "vijay@gmail.com",

"password": "$2a$10$z3tEyQEBWuhHxKWvrh8IQ.A78kFfPuFhLlUnT6953LJtAi6.J0YZG",

"firstName": "Vijay",

"lastName": "Sharma"

}

]

**Response Code**

200

**Response Headers**

{  
 "connection": "keep-alive",  
 "content-type": "application/json",  
 "date": "Sun, 25 Jul 2021 15:00:56 GMT",  
 "keep-alive": "timeout=60",  
 "transfer-encoding": "chunked"  
}