API GUIDE

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Overview

HTTP Verbs

Verb	Usage
GET	Used to retrieve a resource
POST	Used to create a new resource
PATCH	Used to update an existing resource, including partial updates
DELETE	Used to delete an existing resource

HTTP Status Codes

Status Code	Usage
200 OK	The request completed successfully
201 Created	A new resource has been created successfully. The resource's URI is available from the response's Location header
204 No Content	An update to an existing resource has been applied successfully
400 Bad Request	The request was malformed. The response body will include an error providing further information
404 Not Found	The requested resource did not exist
500 Server Error	An error occurred while processing request

```
GET /api/v1/index HTTP/1.1
Content-Type: application/json;charset=UTF-8
Host: localhost:8080
```

```
HTTP/1.1 200 OK
Content-Type: text/plain;charset=UTF-8
Content-Length: 17
X-Content-Type-Options: nosniff
X-XSS-Protection: 1; mode=block
Cache-Control: no-cache, no-store, max-age=0, must-revalidate
Pragma: no-cache
Expires: 0
X-Frame-Options: DENY

Hello Spring Base
```

Register System User

```
HTTP/1.1 400 Bad Request
Content-Type: application/json
X-Content-Type-Options: nosniff
X-XSS-Protection: 1; mode=block
Cache-Control: no-cache, no-store, max-age=0, must-revalidate
Pragma: no-cache
Expires: 0
X-Frame-Options: DENY
Content-Length: 908

{
  "status" : 400,
  "title" : "Validation Failed",
  "detail" : null,
  "timestamp" : "2023-04-03T04:17:14.672499793",
  "errorCount" : 6,
  "errors" : [ {
    "field" : "password",
    "rejectedValue" : null,
    "message" : "Properties does not match"
  }, {
    "field" : "username",
    "rejectedValue" : null,
    "message" : " can not be null or blank"
  }, {
    "field" : "fullName",
    "rejectedValue" : null,
    "message" : " can not be null or blank"
  }, {
    "field" : "verifyPassword",
    "rejectedValue" : null,
    "message" : " can not be null or blank"
  }, {
    "field" : "password",
    "rejectedValue" : null,
    "message" : " can not be null or blank"
  }, {
    "field" : "email",
    "rejectedValue" : null,
    "message" : " can not be null or blank"
  } ],
  "message" : "Request can not be processed due to one or more validation error",
  "path" : "/api/v1/system/users"
}
```

```
HTTP/1.1 403 Forbidden
```

```
Content-Type: application/json
X-Content-Type-Options: nosniff
X-XSS-Protection: 1; mode=block
Cache-Control: no-cache, no-store, max-age=0, must-revalidate
Pragma: no-cache
Expires: 0
X-Frame-Options: DENY
Content-Length: 247

{
  "status" : 403,
  "title" : null,
  "detail" : null,
  "timestamp" : "2023-04-03T04:17:14.710225714",
  "errorCount" : 0,
  "errors" : null,
  "message" : "Can not create System User. Users already exists.",
  "path" : "/api/v1/system/users"
}
```

```
HTTP/1.1 200 OK
Content-Type: application/json
X-Content-Type-Options: nosniff
X-XSS-Protection: 1; mode=block
Cache-Control: no-cache, no-store, max-age=0, must-revalidate
Pragma: no-cache
Expires: 0
X-Frame-Options: DENY
Content-Length: 655

{
  "status" : 200,
  "title" : null,
  "detail" : {
    "id" : 1,
    "username" : "system",
    "password" : "123456",
    "fullName" : "System User",
    "email" : "system@sytem.com",
    "enabled" : true,
    "accountNonExpired" : true,
    "accountNonLocked" : true,
    "credentialsNonExpired" : true,
    "credentialsExpiryDate" : null,
    "version" : 0,
    "createdAt" : "2023-04-03T04:17:14.564634861",
    "lastModifiedAt" : "2023-04-03T04:17:14.564654161",
    "permanentDelete" : false,
    "authorities" : [ ]
  },
```

```
    "timestamp" : "2023-04-03T04:17:14.622378699",
    "errorCount" : 0,
    "errors" : null,
    "message" : null,
    "path" : null
}
```

Manage Users

Create User

```
POST /api/v1/manage/users HTTP/1.1
Content-Type: application/json;charset=UTF-8
Content-Length: 446
Host: localhost:8080

{
  "id" : null,
  "username" : "username",
  "password" : "Password",
  "fullName" : "System",
  "email" : "email@gmail.com",
  "enabled" : true,
  "accountNonExpired" : true,
  "accountNonLocked" : true,
  "credentialsNonExpired" : true,
  "credentialsExpiryDate" : null,
  "version" : 0,
  "createdAt" : "2023-04-03T04:17:13.397681358",
  "lastModifiedAt" : "2023-04-03T04:17:13.397700458",
  "permanentDelete" : false,
  "authorities" : [ ]
}
```

```
HTTP/1.1 400 Bad Request
Content-Type: application/json
X-Content-Type-Options: nosniff
X-XSS-Protection: 1; mode=block
Cache-Control: no-cache, no-store, max-age=0, must-revalidate
Pragma: no-cache
Expires: 0
X-Frame-Options: DENY
Content-Length: 587

{
  "status" : 400,
  "title" : "Validation Failed",
  "detail" : null,
  "timestamp" : "2023-04-03T04:17:13.251422191",
  "errorCount" : 3,
  "errors" : [ {
    "field" : "password",
    "rejectedValue" : null,
    "message" : " can not be null or blank"
```

```
  }, {
    "field" : "email",
    "rejectedValue" : null,
    "message" : " can not be null or blank"
  }, {
    "field" : "username",
    "rejectedValue" : null,
    "message" : " can not be null or blank"
  } ],
  "message" : "Request can not be processed due to one or more validation error",
  "path" : "/api/v1/manage/users"
}
```

```
HTTP/1.1 200 OK
Content-Type: application/json
X-Content-Type-Options: nosniff
X-XSS-Protection: 1; mode=block
Cache-Control: no-cache, no-store, max-age=0, must-revalidate
Pragma: no-cache
Expires: 0
X-Frame-Options: DENY
Content-Length: 653

{
  "status" : 200,
  "title" : null,
  "detail" : {
    "id" : 1,
    "username" : "username",
    "password" : "Password",
    "fullName" : "System",
    "email" : "email@gmail.com",
    "enabled" : true,
    "accountNonExpired" : true,
    "accountNonLocked" : true,
    "credentialsNonExpired" : true,
    "credentialsExpiryDate" : null,
    "version" : 0,
    "createdAt" : "2023-04-03T04:17:13.397723758",
    "lastModifiedAt" : "2023-04-03T04:17:13.397730358",
    "permanentDelete" : false,
    "authorities" : [ ]
  },
  "timestamp" : "2023-04-03T04:17:13.413973554",
  "errorCount" : 0,
  "errors" : null,
  "message" : null,
  "path" : null
}
```

Update User

```
PUT /api/v1/manage/users/1 HTTP/1.1
Content-Type: application/json;charset=UTF-8
Content-Length: 442
Host: localhost:8080

{
  "id" : 1,
  "username" : "username",
  "password" : "Password",
  "fullName" : "System",
  "email" : "email@gmail.com",
  "enabled" : true,
  "accountNonExpired" : true,
  "accountNonLocked" : true,
  "credentialsNonExpired" : true,
  "credentialsExpiryDate" : null,
  "version" : 0,
  "createdAt" : "2023-04-03T04:17:13.451952079",
  "lastModifiedAt" : "2023-04-03T04:17:13.45196658",
  "permanentDelete" : false,
  "authorities" : [ ]
}
```

```
HTTP/1.1 400 Bad Request
Content-Type: application/json
X-Content-Type-Options: nosniff
X-XSS-Protection: 1; mode=block
Cache-Control: no-cache, no-store, max-age=0, must-revalidate
Pragma: no-cache
Expires: 0
X-Frame-Options: DENY
Content-Length: 216

{
  "status" : 400,
  "title" : null,
  "detail" : null,
  "timestamp" : "2023-04-03T04:17:13.483879169",
  "errorCount" : 0,
  "errors" : null,
  "message" : "Record Not Found",
  "path" : "/api/v1/manage/users/1"
}
```

```
HTTP/1.1 200 OK
```

```
Content-Type: application/json
X-Content-Type-Options: nosniff
X-XSS-Protection: 1; mode=block
Cache-Control: no-cache, no-store, max-age=0, must-revalidate
Pragma: no-cache
Expires: 0
X-Frame-Options: DENY
Content-Length: 653

{
  "status" : 200,
  "title" : null,
  "detail" : {
    "id" : 1,
    "username" : "username",
    "password" : "Password",
    "fullName" : "System",
    "email" : "email@gmail.com",
    "enabled" : true,
    "accountNonExpired" : true,
    "accountNonLocked" : true,
    "credentialsNonExpired" : true,
    "credentialsExpiryDate" : null,
    "version" : 0,
    "createdAt" : "2023-04-03T04:17:13.557101203",
    "lastModifiedAt" : "2023-04-03T04:17:13.557119203",
    "permanentDelete" : false,
    "authorities" : [ ]
  },
  "timestamp" : "2023-04-03T04:17:13.565304751",
  "errorCount" : 0,
  "errors" : null,
  "message" : null,
  "path" : null
}
```

Delete User

```
DELETE /api/v1/manage/users/1 HTTP/1.1
Host: localhost:8080
```

```
HTTP/1.1 200 OK
Content-Type: application/json
X-Content-Type-Options: nosniff
X-XSS-Protection: 1; mode=block
Cache-Control: no-cache, no-store, max-age=0, must-revalidate
Pragma: no-cache
Expires: 0
```

```
X-Frame-Options: DENY
Content-Length: 205

{
  "status" : 200,
  "title" : null,
  "detail" : "User Deleted Successfully",
  "timestamp" : "2023-04-03T04:17:13.537142884",
  "errorCount" : 0,
  "errors" : null,
  "message" : null,
  "path" : null
}
```