

# shorturl

## home : Home Page

GET

/

Home to shorturl services.

Implementation Notes

Home to shorturl services.

Response Messages

HTTP Status Code	Reason	Response Model	Headers
200	successful connection.		
404	page not found		

Try it out!

## user : Operations about user

POST

/user

Create user

Response Class (Status 200)

Return api key

Model

Example Value

```
{  "api_key": "api_key"}
```

Response Content Type

application/json

Parameters

Parameter	Value	Description	Parameter Type	Data Type
body	<div>(required)</div> <div>Parameter content type: application/json</div>	User object for creating new user.	body	<div>Model</div> <div>Example Value</div> <div><pre>{  "email": "email",  "password": "password",  "username": "username"}</pre></div>

Parameter	Value	Description	Parameter Type	Data Type

### Response Messages

HTTP Status Code	Reason	Response Model	Headers
406	User name already exists		

Try it out!

GET

/user/key/{username}

Get key by user name

Response Class (Status 200)

successful operation

Model | Example Value

```
{  "api_key": "api_key"}
```

Response Content Type 

application/json

Parameters

Parameter	Value	Description	Parameter Type	Data Type
username	<div>(required)</div>	The username for which key is to be fetched.	path	string
password	<div>(required)</div>		header	string

Response Messages

HTTP Status Code	Reason	Response Model	Headers
400	Invalid username supplied		
404	User not found		

Try it out!

PUT

/user/key/{username}

Update current key with a new generated key

Response Class (Status 200)

Successfully changed the api\_key

Model | Example Value

```
{
  "api_key": "api_key"
}
```

Response Content Type application/json ▾

Parameters

Parameter	Value	Description	Parameter Type	Data Type
username	(required)	The username for which api key is to be updated.	path	string
password	(required)		header	string

Response Messages

HTTP Status Code	Reason	Response Model	Headers
400	Invalid username or password supplied		
404	User not found		

Try it out!

PUT /user/{username} Update user

Parameters

Parameter	Value	Description	Parameter Type	Data Type
username	(required)		path	string
password	(required)		header	string

body	(required)	Updated user object	body	Model   Example Value
				<pre>{   "newpassword": "newpassword" }</pre>
Parameter content type:				
application/json ▾				

Parameter	Value	Description	Parameter Type	Data Type

### Response Messages

HTTP Status Code	Reason	Response Model	Headers
200	Password updated successfully		
400	Invalid user supplied		
404	User not found		

Try it out!

url : Everything about the url handling

POST

/url

Generate a short url for a long url.

Implementation Notes

Generate a short url for a long url.

Response Class (Status 200)

Return short url

Model

Example Value

```
{
  "shorturl": "shorturl"
}
```

Response Content Type

application/json

Parameters

Parameter	Value	Description	Parameter Type	Data Type
api_key	(required)	api key for generating short url	header	string
body	(required)		body	Model

Example Value

Parameter content type:

Parameter	Value	Description	Parameter Type	Data Type
	<input type="text" value="application/json"/>			<pre>{  "custom_alias": "shorturl",  "long_url": "www.google.com",  "time_to_live": "100",  "username": "username"}</pre>

### Response Messages

HTTP Status Code	Reason	Response Model	Headers
400	Invalid input syntax		

Try it out!

DELETE /url/{shorturl} Deletes the short url

### Parameters

Parameter	Value	Description	Parameter Type	Data Type
api_key	<input type="text" value="(required)"/>	api key for deleting shorturl	header	string
shorturl	<input type="text" value="(required)"/>	shorturl for deleting the shorturl	path	string

### Response Messages

HTTP Status Code	Reason	Response Model	Headers
200	Successfully deleted		
404	shorturl not found		

Try it out!

GET /url/{shorturl} Redirects to long url.

### Parameters

Parameter	Value	Description	Parameter Type	Data Type
shorturl	<input type="text" value="(required)"/>	shorturl for the fetching the corresponding long url	path	string

Response Messages

HTTP Status Code	Reason	Response Model	Headers
302	Redirection successful, if response 0 appear in swagger then copy and use response url in new tab		
404	shorturl not found		

Try it out!

favorite : Favorite url feature

GET

/favorite

Get favorite urls by user name

Implementation Notes

Get favorite urls by user name

Response Class (Status 200)

successful gives favorite url list

Model | Example Value

```
{
  "favorite_list": "[shorturl_1, shorturl_2, shorturl_3]"
}
```

Response Content Type 

application/json

Parameters

Parameter	Value	Description	Parameter Type	Data Type
api_key	<div>(required)</div>	api key of user	header	string

Response Messages

HTTP Status Code	Reason	Response Model	Headers
400	Wrong Api key		
404	User not found		

Try it out!

POST

/favorite

Mark an existing url as favorite

Implementation Notes

Mark an existing url as favorite

Parameters

Parameter	Value	Description	Parameter Type	Data Type
api_key	(required)	api key for marking short url as favorite	header	string
body	(required) <div>Parameter content type: application/json</div>	Shorturl to be marked favorite	body	<div>Model</div> <div>Example Value</div> <div><pre>{  "markfavorite": "0",  "shorturl": "shorturl"}</pre></div>

Response Messages

HTTP Status Code	Reason	Response Model	Headers
200	Url marked successfully		
406	ShortUrl does not exists		

Try it out!

[ BASE URL: /v1 , API VERSION: 1.0.0 ]