

API Reference

1. POST: /shorten/public

- a. Request headers
 - i. Content-Type: application/json
- b. Request body:

```
{  
    longURL:<long_url>  
    shortURL:<requested_short_url> (optional)  
    expirationTime:<in_minutes> (optional)  
}
```
- c. Response headers:
 - i. Content-Type: application/json
- d. Response body:

```
{  
    status:<success/fail>,  
    message:<message>,  
    longURL:<long_url>,  
    shortURL:<short_url>,  
    expirationTime :<in_minutes>  
}
```

2. POST: /login

- a. Request headers
 - i. Content-Type: application/json
- b. Request body:

```
{  
    email:<email>  
    password:<password>  
}
```
- c. Response headers:
 - i. Content-Type: application/json
- d. Response body:

```
{
    status:<success/fail>,
    message:<message>,
    email:<email>
    userName:<username>
    authToken:<generated_authentication_token>
}
```

3. POST: /signup

- a. Request headers
 - i. Content-Type: application/json
- b. Request body:

```
{
    email:<email>
    password:<password>
    userName:<user_name> (optional)
}
```
- c. Response headers:
 - i. Content-Type: application/json
- d. Response body:

```
{
    status:<success/fail>,
    message:<message>,
    email:<email>
    userName:<username>
}
```

4. POST: /shorten/private

- a. Request headers
 - i. Content-Type: application/json
 - ii. Authorization: <auth_token>
- b. Request body:

```
{
    longURL:<long_url>
    shortURL:<requested_short_url> (optional)
}
```

- expirationTime:<in_minutes> (optional)
- }
- c. Response headers:
 - i. Content-Type: application/json
- d. Response body:
 - {
 - status:<success/fail>,
 - message:<message>,
 - longURL:<long_url>,
 - shortURL:<short_url>,
 - expirationTime :<in_minutes>
- }

5. GET: /long

- a. Request headers: no headers required
- b. Request query: ?shortURL=<shortened_url>
- c. Response headers
 - i. Content-Type: application/json
- d. Response body:
 - {
 - status:<success/fail>,
 - message:<message>,
 - shortURL:<short_url>,
 - longURL:<long_url>
- }

6. GET: /history

- a. Request headers
 - i. Authorization: <auth_token>
- b. Request query: null
- c. Response headers:
 - i. Content-Type: application/json
- d. Response body:
 - {
 - status:<success/fail>,

```
message:<message>,  
email:<email>  
userName:<username>,  
urlList: <[url]>
```

```
}
```

7. DELETE: /private

- a. Request headers
 - i. Content-Type: application/json
 - ii. Authorization: <auth_token>

- b. Request body:

```
{  
    shortURL:<short_url_to_delete>  
}
```

- c. Response headers:
 - i. Content-Type: application/json

- d. Response body:

```
{  
    status:<success/fail>,  
    message:<message>,  
    shortURL:<short_url>  
}
```

8. PATCH: /private

- a. Request headers
 - i. Content-Type: application/json
 - ii. Authorization: <auth_token>

- b. Request body:

```
{  
    shortURL:<exsisting_short_url>  
    longURL:<new_long_url>  
    validity=<in_minutes> (optional)  
}
```

- c. Response headers:
 - i. Content-Type: application/json

d. Response body:

```
{  
    status:<success/fail>,  
    message:<message>,  
    longURL:<long_url>,  
    shortURL:<short_url>  
}
```