

Api Contract for AuthService

1) api/auth/getaccesstoken

Description: Api should return the jwt token

POST : /api/authservice/getaccesstoken

Host: <Host_Name>

Content-Type: application/json

```
Body : {  
  "userName": <encoded-username>,  
  "password": <encoded-password>  
}
```

Response:

HTTP/1.1 200/401

Vary: Origin, Access-Control-Request-Method, Access-Control-Request-Headers

Cache-Control: no-store

Pragma: no-cache

X-Content-Type-Options: nosniff

X-XSS-Protection: 1; mode=block

X-Frame-Options: DENY

Transfer-Encoding: chunked, chunked

Date: Tue, 03 Aug 2021 12:10:16 GMT

Keep-Alive: timeout=60

Connection: keep-alive, close

Content-Type: application/json; charset=UTF-8

```
{  
  "access_token": <access_token>  
  "token_type": "bearer",  
  "refresh_token": <refresh_token>,  
  "expires_in": <expire-time>,  
  "scope": <scopes>,  
  "jti": <jti>  
}
```

Request : Valid Credentials

```
POST /api/authservice/getaccesstoken  
Host: localhost: 8084  
Content-Type: application/json
```

```
{
  "userName": "doug@123.com",
  "password": "doug"
}
```

Response:

HTTP/1.1 200

Vary: Origin, Access-Control-Request-Method, Access-Control-Request-Headers

Cache-Control: no-store

Pragma: no-cache

X-Content-Type-Options: nosniff

X-XSS-Protection: 1; mode=block

X-Frame-Options: DENY

Transfer-Encoding: chunked, chunked

Date: Tue, 03 Aug 2021 12:10:16 GMT

Keep-Alive: timeout=60

Connection: keep-alive, close

Content-Type: application/json; charset=UTF-8

```
{
  "access_token":
    "eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJhdWQiOiSiY291cG9uc2VydmljZSJDLCJleHAiOiE2MjgwMzU0MTYsInVzZXJfbmFtZSI6ImRvdWdAMTlzMnNvbSlzImp0aSI6ImNkMTM2MTdhLTE3MTYtNGY1OS04MWMxLTRhYzUwMzJjNTcwZSI6ImNsaVVudF9pZCI6ImNvdXBvbmNsaVVudGFwcCIsbnB3BIllpbGlhYXQILCJ3cmI0ZSJdfQ.2GmWeWhfcAOu2NskNSrxrrgjovNOaj6otMfKplpenyQ",
  "token_type": "bearer",
  "refresh_token":
    "eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJhdWQiOiSiY291cG9uc2VydmljZSJDLCJlc2VyX25hbWUiOiJkb3VnQDEyMy5jb20iLCJzY29wZSI6WyJyZWFKliwid3JpdGUlXSwiYXRpljojY2QxmZyYxN2EtMTcxNi00ZjU5LTgxYzEtNGFjNTAzMmM1NzBliliwZXhwIjoxNjMwNTg0NjE2LCAqdGkiOiI0MGZIMWlwZC0wMjg2LTRmOGltOGQ0Yy1INDJhNDIkYmYyYzEiLCJlbGllbnRfaWQiOiJib3Vwb25jbGllbnRhcnAiLCJpcDSSoQVjpOXWx6R_FWrOJ4pmXEjo2AEdi9sscg-O-g",
  "expires_in": 43199,
  "scope": "read write",
  "jti": "cd13617a-1716-4f59-81c1-4ac5032c570e"
}
```

```
{
  "error_description": "Bad credentials",
  "Error": "invalid_grant"
}
```

2) api/auth/getrefresh token

Description: Api should return the jwt token with given refresh token

POST : /api/authservice/getaccesstoken

Host: <Host_Name>

Content-Type: application/json

```
Body : {
  "refreshToken": <encoded-username>
}
```

Response:

HTTP/1.1 200/401/400

Vary: Origin, Access-Control-Request-Method, Access-Control-Request-Headers

Cache-Control: no-store

Pragma: no-cache

X-Content-Type-Options: nosniff

X-XSS-Protection: 1; mode=block

X-Frame-Options: DENY

Transfer-Encoding: chunked, chunked

Date: Tue, 03 Aug 2021 12:10:16 GMT

Keep-Alive: timeout=60

Connection: keep-alive, close

Content-Type: application/json; charset=UTF-8

```
{
  "access_token": <access_token>
  "token_type": "bearer",
  "refresh_token": <refresh_token>,
  "expires_in": <expire-time>,
  "scope": <scopes>,
  "jti": <jti>
}
```

Request : Valid refresh token

```
POST /api/authservice/getrefreshToken
Host: localhost: 8084
Content-Type: application/json
```

```
{
  "refreshToken":
    "eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJhdWQiOiY29lcG9uc2VydmljZSJDLCJ1c2VyX25hbWUiOiJmYWw16QDEyMy5jb20iLCJzY29wZSI6WyJyZWZkIiwid3JpdGUiOiXSwiYXRpIjoInzk1YmU5OGUtNTcxOC00NzkyLTg5YTUtYjE2NDRlNmI4YmQ0IiwidXhwiJjoxNjI4NDMxNzEyLCJhdXRob3JpdGllcyI6WyJST0xFOX0FETU0iO1l0sImp0aSI6ImVjNzIzM2I1LWU0YzQtNGJjIOS1hZDRmLTA5OGE5ZDYzNGI1ZSIsImNsaWVudF9pZCI6ImNvdXBvbmNsaWVudGFwcCJ9.tA1mEUE8Jyh508n81uAA3XJKK9KM90neec061-BebKk"
}
```

```
{
    "access_token":
"eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJhdWQiOiSiY291cG9uc2VydmljZSdLCJ1c2VyX25hbWUiOiJmYWl6QDEyMy5jb20iLCJzY29wZSI6WyJyZWFKliwid3JpdGUlXSwiZXhwIjoxNjl4NDMxNjExLCAhbmVudF9pZCk6ImNvdXBvbmNsYWVudGFwcCJ9.juHwJLc8aFKD0bh-DE-6Ry8l8qgsiLerxgCZflpbFLI",
    "token_type": "bearer",
    "refresh_token":
"eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJhdWQiOiSiY291cG9uc2VydmljZSdLCJ1c2VyX25hbWUiOiJmYWl6QDEyMy5jb20iLCJzY29wZSI6WyJyZWFKliwid3JpdGUlXSwiYXRpljoiYzQ2N2RhMDItZTU4Ni00YThtLTg5NDgtMWM4ZTBiYjczMmNkliwiZXhwIjoxNjl4NDMxNzEyLCAhbmVudF9pZCk6ImNvdXBvbmNsYWVudGFwcCJ9.AK_mWCrdiwlu0gjN2H2_o4vmBSdeS9JkMJWIE3YQMkl",
    "expires_in": 119,
    "scope": "read write",
    "jti": "c467da02-e586-4a8e-8948-1c8e0eb732cd"
}
```

When Token is invalid or expired

HTTP/1.1 401 Unauthorized

```
{
  "error_description": "Invalid refresh token (expired)",
  "Error": "invalid_token"
}
```