**TAY – API services-v1.0**

**Api Key:** securetaymusic

**1.Registration:**

we create a shadow player in the database, and respond with the userid

**1.1Request URL:**

<http://www.spotifyapi.com/register>

**HTTP Method:**

POST

**Payload Parameters:**

|  |  |  |
| --- | --- | --- |
| Key | value | Description |
| email | hari@digient.in | Email address (If they give - optional) |
| username | Hari | Username allowed only Lowercase letters and digits for ex( hari123 ) required |
| password | Test123 | required |
| gender | Male/female | Optional |
| secure\_key | Sha1(API\_KEY) | required |

**Example Payload:**

{

"email":" hari@digient.in",

"username":"hari123",

"password":"test123",

"gender":"male",

"secure\_key":" 7288edd0fc3ffcbe93a0cf06e3568e28521687bc"

}

**1.2Response Parameters:**

|  |  |  |
| --- | --- | --- |
| Key | value | message |
| errorCode | 1001 |  |
| status | success |  |
| user\_id | 1 |  |

**Example Response:**

{

"errorCode":1001,

"status":"success",

"user\_id":"1"

}

**1.3Possible Errors:**

|  |  |  |
| --- | --- | --- |
| Key | value | message |
| errorCode | 1001 | Failed |
| errorCode | 1001 | Sorry, this username already existed |
| errorCode | 1001 | Invaild request (API key not match ) |

**1.Login:**

we create a shadow player in the database, and respond with the userid

**1.1Request URL:**

<http://www.spotifyapi.com/login>

**HTTP Method:**

POST

**Payload Parameters:**

|  |  |  |
| --- | --- | --- |
| Key | value | Description |
| username | hari123 | required |
| password | test123 | required |
| secure\_key | Sha1(API\_KEY) | required |

**Example Payload:**

{

"username":"hari123",

"password":"test123",

"secure\_key":" 7288edd0fc3ffcbe93a0cf06e3568e28521687bc"

}

**1.2Response Parameters:**

|  |  |  |
| --- | --- | --- |
| Key | value | message |
| errorCode | 2000 |  |
| status | success |  |
| user\_id | 1 |  |

**Example Response:**

{

"errorCode":2000,

"status":"success",

"user\_id":"1"

}

**1.3Possible Errors:**

|  |  |  |
| --- | --- | --- |
| Key | value | message |
| errorCode | 2001 | Failed |
| errorCode | 2001 | Invalid request |

**3.Your Library :**

3a)On opening screen send all recently played albums

**3.1Request URL:**

<http://www.spotifyapi.com/getRecentlyPlayedAlbumList>

**HTTP Method:**

POST

**Payload Parameters:**

|  |  |  |
| --- | --- | --- |
| Key | value | Description |
| user\_id | 1 | required |
| secure\_key | Sha1(API\_KEY) | required |

**Example Response:**

{ "your\_library\_response": {

"errorCode": "3000",

"message": “Success",

“recently\_played\_albums\_list": [{

"album\_id":"alb\_001",

“album\_name": “Rap Caviar”;

“artist\_name": “abc”,

“artist\_id”:”artist\_001”

},

{

"album\_id":"alb\_002",

“album\_name": “Michael Jackson”;

“artist\_name": “def”,

“artist\_id”:”artist\_002”

} ] } }

**3.2Possible Errors:**

|  |  |  |
| --- | --- | --- |
| Key | value | message |
| errorCode | 2001 | Failed |
| errorCode | 2001 | Invalid request |

**3b)Playlists Main.**

**3b.1Request URL:**

<http://www.spotifyapi.com/getPlayList>

**HTTP Method:**

POST

**Payload Parameters:**

|  |  |  |
| --- | --- | --- |
| Key | value | Description |
| user\_id | 1 | required |
| secure\_key | Sha1(API\_KEY) | required |

**Example Response:**

{

“your\_library\_playlist\_details": {

"errorCode": "4000",

"message": “Success",

"playlist\_details”: [

{

“playlist\_id":"playlist\_001",

“playlist\_name”: “xyz"

},

{

“playlist\_id":"playlist\_002",

“playlist\_name”: “abc"

}

]

}

}

**3b.2Possible Errors:**

|  |  |  |
| --- | --- | --- |
| Key | value | message |
| errorCode | 2001 | Failed |
| errorCode | 2001 | Invalid request |

**3b(1)Playlists Songs.**

**3b.1Request URL:**

<http://www.spotifyapi.com/getPlayListSongs>

**HTTP Method:**

POST

**Payload Parameters:**

|  |  |  |
| --- | --- | --- |
| Key | value | Description |
| user\_id | 1 | required |
| playlist\_id | 1 | required |
| secure\_key | Sha1(API\_KEY) | required |

**Example Response:**

{

“your\_library\_playlist\_songs": {

"errorCode": "5000",

"message": “Success",

"songs\_details": [

{

"playlist\_id": 1,

"playlist\_name":” newyear”,

"album\_id": 2,

"album\_name": "Collegrove",

"artist\_name": 2,

"artist\_id": "AR Rahman",

"song\_id": 6,

"song\_name": "new song"

},

{

"playlist\_id": 1,

"playlist\_name": “year2016”,

"album\_id": 6,

"album\_name": "new",

"artist\_name": 5,

"artist\_id": "ram ji",

"song\_id": 9,

"song\_name": "you you"

} }

}

**3b.2Possible Errors:**

|  |  |  |
| --- | --- | --- |
| Key | value | message |
| errorCode | 2001 | Failed |
| errorCode | 2001 | Invalid request |

**3c Playlists Create.**

**3c.1Request URL:**

<http://www.spotifyapi.com/createPlayList>

**HTTP Method:**

POST

**Payload Parameters:**

|  |  |  |
| --- | --- | --- |
| Key | value | Description |
| user\_id | 1 | required |
| playlist\_name | “newyear” | required |
| secure\_key | Sha1(API\_KEY) | required |

**Example Response:**

{

"your\_library\_playlist": {

"error\_code": 6000,

"message": "Success",

"playlist\_id": 4,

"playlist\_name": "newyear"

}

}

**3c.2Possible Errors:**

|  |  |  |
| --- | --- | --- |
| Key | value | message |
| errorCode | 2001 | Failed |
| errorCode | 2001 | Invalid request |