**API REQUIREMENTS**

**MetaData:**

Metadata for tracks :

—————————

1. track\_id

2. track\_name

3. album\_name

4. album\_id

5. artist\_name

6. artist\_id

7. created\_timestamp

8. cover\_picture

9. mood\_type

10. genre\_type

11. location/city/country

12. follower\_count

13. listen\_count

14. isPodcast

15. podcast\_category

Metadata for albums :

——————————

1. album\_id

2. album\_name

3. artist\_name

4. artist\_id

5. created\_timestamp

6. cover\_picture

7. genre\_type

8. mood\_type

9. location/city/country

10. follower\_count

11. listen\_count

12. isPodcast

13. podcast\_category

Metadata for artists :

—————————

1. artist\_id

2. artist\_name

3. created\_timestamp/date\_of\_register

4. cover\_picture

5. location/city/country

6. follower\_count

**1. Register API :**

### **Mobile Client Request**

|  |  |  |
| --- | --- | --- |
| **key** | **value** | **Description** |
| emai | [flappjacks@gmail.com](mailto:flappjacks@gmail.com) | User's emailaddress |
| password | 12345678 | User's password |
| username | @flappjacks | User's username |
| dob | 01/01/2017 | User's DOB |
| gender | Male/Female | User's Gender |

### **Server Response**

|  |  |  |
| --- | --- | --- |
| **key** | **value** | **message** |
| error\_code | 1000 | Success |
|  | 1001 | Failed |

**Response :**

**1.**

{

"register\_response": {

"errorCode": "1000",

"message": “Success",

“user\_id": “tay\_001”,

}

}

**2.**

{

"register\_response": {

"errorCode": "1001",

"message": “Failed”

}

}

======================================================================

======================================================================

**2**.**Login API** :

**Mobile Client Request**

|  |  |  |
| --- | --- | --- |
| **key** | **value** | **Description** |
| username | @flappjacks | User's username |
| password | 12345678 | User's password |

### **Server Response**

|  |  |  |
| --- | --- | --- |
| **key** | **value** | **message** |
| error\_code | 2000 | Success |
|  | 2001 | Failed |

**Response :**

**1.**

{

"login\_response": {

"errorCode": "2000",

"message": “Success”.

“user\_id": “tay\_001”

}

}

**2.**

{

"login\_response": {

"errorCode": "2001",

"message": “Failed”.

}

}

======================================================================

======================================================================

**3.Your Library :**

3a)On opening screen send all recently played albums.

**Mobile Client Request**

|  |  |  |
| --- | --- | --- |
| **key** | **value** | **Description** |
| user\_id | tay\_001 | User's unique id(From Login or SignUp api) |

### **Server Response**

|  |  |  |
| --- | --- | --- |
| **key** | **value** | **message** |
| error\_code | 3000 | Success |
|  | 3001 | Failed |

**Response :**

**1.**

{

"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”

}

]

}

}

**2.**

{

"your\_library\_response": {

"errorCode": "3001",

"message": “Failed”.

}

}

======================================================================

======================================================================

**3b)Playlists Main.**

**Mobile Client Request**

|  |  |  |
| --- | --- | --- |
| **key** | **value** | **Description** |
| user\_id | tay\_001 | User's unique id(From Login or SignUp api) |

|  |  |  |
| --- | --- | --- |
| **key** | **value** | **Message** |
| error\_code | 4000 | Success |
|  | 4001 | Failed |

### **Server Response**

**Response :**

**1.**

{

“your\_library\_playlist\_details": {

"errorCode": "4000",

"message": “Success",

"playlist\_details”: [

{

“playlist\_id":"playlist\_001",

“playlist\_name”: “xyz"

},

{

“playlist\_id":"playlist\_002",

“playlist\_name”: “abc"

}

]

}

}

**2.**

{

"your\_library\_playlist\_details": {

"errorCode": "4001",

"message": “Failed”.

}

}

======================================================================

======================================================================

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

(On click of each playlist list of songs will be sent from server)

**Mobile Client Request**

|  |  |  |
| --- | --- | --- |
| **key** | **value** | **Description** |
| user\_id | tay\_001 | User's unique id(From Login or SignUp api) |
| playlist\_id | playlist\_001 | User’s unique playlist id(From Playlist Main api) |

### **Server Response**

|  |  |  |
| --- | --- | --- |
| **key** | **value** | **message** |
| error\_code | 5000 | Success |
|  | 5001 | Failed |

**Response :**

**1.**

{

“your\_library\_playlist\_songs": {

"errorCode": "5000",

"message": “Success",

“songs\_details”: [

“Same details coming in home screen(List of songs with details)”.

]

}

}

**2.**

{

"your\_library\_playlist\_songs": {

"errorCode": "5001",

"message": “Failed”.

}

}

======================================================================

======================================================================

**3c Playlists Create.**

(Creating a playlist)

**Mobile Client Request**

|  |  |  |
| --- | --- | --- |
| **key** | **value** | **Description** |
| user\_id | tay\_001 | User's unique id(From Login or SignUp api) |
|  | ABC | Unique playlist name from user. |

### **Server Response**

|  |  |  |
| --- | --- | --- |
| **key** | **value** | **message** |
| error\_code | 6000 | Success |
|  | 6001 | Failed |

**Response :**

**1.**

{

"your\_library\_playlist”: {

"errorCode": "6000",

"message": “Success",

“playlist\_name":"ABC"

“playlist\_id":"playlist\_001"

}

}

**2.**

{

"your\_library\_playlist\_songs": {

"errorCode": "6001",

"message": “Failed”.

}

}

======================================================================

======================================================================

**3d Playlists Delete.**

(Delete a playlist)

**Mobile Client Request**

|  |  |  |
| --- | --- | --- |
| **key** | **value** | **Description** |
| user\_id | tay\_001 | User's unique id(From Login or SignUp api) |
| playlist\_name | ABC | Unique playlist name from user. |
| playlist\_id | playlist\_001 | User’s unique playlist id(From Playlist Main api) |

### **Server Response**

|  |  |  |
| --- | --- | --- |
| **key** | **value** | **message** |
| error\_code | 6000 | Success |
|  | 6001 | Failed |

**Response :**

**1.**

{

"your\_library\_playlist”: {

"errorCode": "6000",

"message": “Success",

"playlist\_name":"ABC"

}

}

**2.**

{

"your\_library\_playlist\_songs": {

"errorCode": "6001",

"message": “Failed”.

}

}

======================================================================

======================================================================

**3e Add Songs to Playlists.**

**Mobile Client Request**

|  |  |  |
| --- | --- | --- |
| **key** | **value** | **Description** |
| user\_id | tay\_001 | User's unique id(From Login or SignUp api) |
| track\_id | trc\_001 | Unique track Number. |
| playlist\_id | playlist\_001 | User’s unique playlist id(From Playlist Main api) |
| playlist\_operation | “ADD" | This is a boolean for adding songs to playlist and deleting songs from playlist.  ADD-Add Song to Playlist  REMOVE-Delete song from Playlist |

### **Server Response**

|  |  |  |
| --- | --- | --- |
| **key** | **value** | **message** |
| error\_code | 7000 | Success |
|  | 7001 | Failed |

**Response :**

**1.**

{

“playlist\_add\_songs”: {

"errorCode": "7000",

"message": “Success”

}

}

**2.**

{

"playlist\_add\_songs": {

"errorCode": "7001",

"message": “Failed”.

}

}

======================================================================

======================================================================

**3e Delete Songs from Playlists.**

**Mobile Client Request**

|  |  |  |
| --- | --- | --- |
| **key** | **value** | **Description** |
| user\_id | tay\_001 | User's unique id(From Login or SignUp api) |
| track\_id | trc\_001 | Unique track Name. |
| playlist\_id | playlist\_001 | User’s unique playlist id(From Playlist Main api) |
| playlist\_operation | “REMOVE" | This is a boolean for adding songs to playlist and deleting songs from playlist.  ADD-Add Song to Playlist  REMOVE-Delete song from Playlist |

### **Server Response**

|  |  |  |
| --- | --- | --- |
| **key** | **value** | **message** |
| error\_code | 8000 | Success |
|  | 8001 | Failed |

**Response :**

**1.**

{

“playlist\_delete\_songs”: {

"errorCode": "8000",

"message": “Success”

}

}

**2.**

{

"playlist\_delete\_songs": {

"errorCode": "8001",

"message": “Failed”.

}

}

======================================================================

======================================================================

**4**.**Songs API** :

**Mobile Client Request**

|  |  |  |
| --- | --- | --- |
| **key** | **value** | **Description** |
| user\_id | tay\_001 | User's unique id(From Login or SignUp api) |

### **Server Response**

|  |  |  |
| --- | --- | --- |
| **key** | **value** | **message** |
| error\_code | 9000 | Success |
|  | 9001 | Failed |

**Response :**

**1.**

{

“main\_songs\_response”: {

"errorCode": "9000",

"message": “Success”.

“list\_of\_songs”:

[

“List of all the songs whichever user is added to his songs list”

]

}

}

**2.**

{

"main\_songs\_response": {

"errorCode": "9001",

"message": “Failed”.

}

}

======================================================================

======================================================================

**4a)**.**Add Songs API** :

**Mobile Client Request**

|  |  |  |
| --- | --- | --- |
| **key** | **value** | **Description** |
| user\_id | tay\_001 | User's unique id(From Login or SignUp api) |
| track\_id | trc\_001 | Unique track Number. |
| track\_operation | “ADD” | This is a boolean for adding songs and deleting songs.  ADD-Add Song  REMOVE-Delete song |

### **Server Response**

|  |  |  |
| --- | --- | --- |
| **key** | **value** | **message** |
| error\_code | 10000 | Success |
|  | 10001 | Failed |

**Response :**

**1.**

{

“add\_songs\_response”: {

"errorCode": "10000",

"message": “Success”

}

}

**2.**

{

"add\_songs\_response": {

"errorCode": "9001",

"message": “Failed”.

}

}

======================================================================

======================================================================

**4b)**.**Delete Songs API** :

**Mobile Client Request**

|  |  |  |
| --- | --- | --- |
| **key** | **value** | **Description** |
| user\_id | tay\_001 | User's unique id(From Login or SignUp api) |
| track\_id | trc\_001 | Unique track Number. |
| track\_operation | “REMOVE” | This is a boolean for adding songs and deleting songs.  ADD-Add Song  REMOVE-Delete song |

### **Server Response**

|  |  |  |
| --- | --- | --- |
| **key** | **value** | **message** |
| error\_code | 11000 | Success |
|  | 11001 | Failed |

**Response :**

**1.**

{

“delete\_songs\_response”: {

"errorCode": "11000",

"message": “Success”

}

}

**2.**

{

"delete\_songs\_response": {

"errorCode": "11001",

"message": “Failed”.

}

}

======================================================================

======================================================================

**5)Album API** :

**Mobile Client Request**

|  |  |  |
| --- | --- | --- |
| **key** | **value** | **Description** |
| user\_id | tay\_001 | User's unique id(From Login or SignUp api) |

### **Server Response**

|  |  |  |
| --- | --- | --- |
| **key** | **value** | **message** |
| error\_code | 12000 | Success |
|  | 12001 | Failed |

**Response :**

**1.**

{

“album\_response”: {

"errorCode": "12000",

"message": “Success”

“album\_details”:

[

“List of all the Albums whichever user is added to his album list”

]

}

}

**2.**

{

"album\_response": {

"errorCode": "12001",

"message": “Failed”.

}

}

======================================================================

======================================================================

**5a)Add Album API** :

**Mobile Client Request**

|  |  |  |
| --- | --- | --- |
| **key** | **value** | **Description** |
| user\_id | tay\_001 | User's unique id(From Login or SignUp api) |
| album\_id | alb\_001 | Unique Album Number. |
| album\_operation | “ADD” | This is a boolean for adding album and deleting album.  ADD-Add Album  REMOVE-Delete Album |

### **Server Response**

|  |  |  |
| --- | --- | --- |
| **key** | **value** | **message** |
| error\_code | 13000 | Success |
|  | 13001 | Failed |

**Response :**

**1.**

{

“add\_album\_response”: {

"errorCode": "13000",

"message": “Success”

}

}

**2.**

{

"add\_songs\_response": {

"errorCode": "13001",

"message": “Failed”.

}

}

======================================================================

======================================================================

**5b)**.**Delete Album API** :

**Mobile Client Request**

|  |  |  |
| --- | --- | --- |
| **key** | **value** | **Description** |
| user\_id | tay\_001 | User's unique id(From Login or SignUp api) |
| album\_id | trc\_001 | Unique track Number. |
| album\_operation | “REMOVE” | This is a boolean for adding album and deleting album.  ADD-Add Album  REMOVE-Delete Album |

### **Server Response**

|  |  |  |
| --- | --- | --- |
| **key** | **value** | **message** |
| error\_code | 14000 | Success |
|  | 14001 | Failed |

**Response :**

**1.**

{

“delete\_songs\_response”: {

"errorCode": "14000",

"message": “Success”

}

}

**2.**

{

"delete\_songs\_response": {

"errorCode": "14001",

"message": “Failed”.

}

}

======================================================================

======================================================================

**6)Artist API** :

**Mobile Client Request**

|  |  |  |
| --- | --- | --- |
| **key** | **value** | **Description** |
| user\_id | tay\_001 | User's unique id(From Login or SignUp api) |

### **Server Response**

|  |  |  |
| --- | --- | --- |
| **key** | **value** | **message** |
| error\_code | 13000 | Success |
|  | 13001 | Failed |

**Response :**

**1.**

{

“artist\_response”: {

"errorCode": "13000",

"message": “Success”

“artist\_details”:

[

“List of all the Artist whichever user is added to his album list”

]

}

}

**2.**

{

"artist\_response": {

"errorCode": "13001",

"message": “Failed”.

}

}

======================================================================

======================================================================

**5a)Add Artist API** :

**Mobile Client Request**

|  |  |  |
| --- | --- | --- |
| **key** | **value** | **Description** |
| user\_id | tay\_001 | User's unique id(From Login or SignUp api) |
| artist\_id | art\_001 | Unique Album Number. |
| artist\_operation | “ADD” | This is a boolean for adding Artist and deleting Artist.  ADD-Add Artist  REMOVE-Delete Artist |

### **Server Response**

|  |  |  |
| --- | --- | --- |
| **key** | **value** | **message** |
| error\_code | 14000 | Success |
|  | 14001 | Failed |

**Response :**

**1.**

{

“add\_artist\_response”: {

"errorCode": "14000",

"message": “Success”

}

}

**2.**

{

"add\_artist\_response": {

"errorCode": "14001",

"message": “Failed”.

}

}

======================================================================

======================================================================

**5b)**.**Delete Artist API** :

**Mobile Client Request**

|  |  |  |
| --- | --- | --- |
| **key** | **value** | **Description** |
| user\_id | tay\_001 | User's unique id(From Login or SignUp api) |
| artist\_id | art\_001 | Unique track Number. |
| artist\_operation | “REMOVE” | This is a boolean for adding artist and deleting artist.  ADD-Add Artist  REMOVE-Delete Artist |

### **Server Response**

|  |  |  |
| --- | --- | --- |
| **key** | **value** | **message** |
| error\_code | 15000 | Success |
|  | 15001 | Failed |

**Response :**

**1.**

{

“delete\_songs\_response”: {

"errorCode": "15000",

"message": “Success”

}

}

**2.**

{

"delete\_songs\_response": {

"errorCode": "15001",

"message": “Failed”.

}

}