12|Bar

Server API v1.0

Table Of Contents

1. User authorization

request url: http://192.169.197.8/app12Bar/cms/login_register.php
GET Method

Required Transaction Request fields

Field name	Type	Desc
key	mandatory	user FB id
secret_key	optional	saved user secret key in previous session
name	optional	User name

Server response: JSON string

OK:
```
{
        "status":"ok",
        "response_code":"<X>",
        "secret_key":"<generated secret key>", (md5 of user id + time of
registration)
        "user_id":<server db user table id>
}
```

FAILED:
```
{
        "satus":"failed",
        "reason":"<if api fields entered wrongly>"
}
```

2. Get user data (Shared/Updates)
request url: http://192.169.197.8/app12Bar/cms/user_data.php
GET Method

Required Transaction Request fields

Field name	Type	Desc
userId	mandatory	user server id fetched when logged in
secret_key	mandatory	saved user secret key
last_created_date_chart	mandatory	last date when chart was created or empty string
last_updated_date_chart	mandatory	last date when chart was updated or empty string
last_created_date_set	mandatory	last date when set was created or empty string
last_updated_date_set	mandatory	last date when set was updated or empty string

Server response: JSON string

OK:
```
{
        "status":"ok",
        "response_code":"<X>",
        "data":<loaded data in json format>,
        "latest_created_chart":"<latest datetime when chart was added into DB>",
        "last_updated_chart":"<latest datetime when chart was updated>",
        "latest_created_set":"<latest datetime when set was added into DB>",
        "last_updated_set":"<latest datetime when set was updated>"
}
or
{
        staus:"ok",
        reason:"no data"
}
```

FAILED:
```
{
        staus:"failed",
        reason:"badly formed request: secret is wrong"
}
```

"API for charts"

request url: http://192.169.197.8/app12Bar/cms/chart.php

3. Add new chart

request url: http://192.169.197.8/app12Bar/cms/chart.php
POST Method

Required Transaction Request fields

Field name	Type	Desc
user_id	mandatory	user server id fetched when logged in
secret_key	mandatory	saved user secret key
data	mandatory	user data (JSON string)
method	mandatory	"add"
chart_id	mandatory	chart id generated on the client side

Server response: JSON string
OK:
```
        {
                "status":"ok",
                "chord_id":"<give chart id from json>",
                "serverId":"<server chart id>",
                "last_updated_chart":<latest datetime for aded chart>,
                "last_created_time":"<latest datetime when chart was added into DB>"
        }
```
FAILED:

4. Update chart

request url: http://192.169.197.8/app12Bar/cms/chart.php

POST Method

Required Transaction Request fields

Field name	Type	Desc
user_id	mandatory	user server id fetched when logged in
secret_key	mandatory	saved user secret key
data	mandatory	user data (JSON string)
chord_id	mandatory	chart id generated on the client side

Server response: JSON string

OK:

```
        {
                "status":"ok",
                "reason":"Chart was updated",
                "response_code":<X>,
                "last_updated_chart":<>,
                "last_updated_set":<>


        }
FAILED:
        {
                "status":"failed",
                "reason":"failed to updated chart",

        }
```

5. Add chart to the set

request url: http://192.169.197.8/app12Bar/cms/chart.php
POST Method

Required Transaction Request fields

Field name	Type	Desc
user_id	mandatory	user server id fetched when logged in
secret_key	mandatory	saved user secret key
chord_id	mandatory	chart id which you want remove
setId	optional	if you want to remove chart only from the set you should put "setId" else if that fileld is blank then chart will be deleted for all users
data	mandatory	chart data (JSON string)
method	mandatory	"into" - if chart already stored on the server. "insideSet" - if chart was stored only on the client

Server response: JSON string
OK:
```
{
        "status":"ok",
}
```

FAILED:
```
{
        "status":"failed",
        "reason":"failed to remove chart"
}
```

6. Remove chart from the set

request url: http://192.169.197.8/app12Bar/cms/chart.php
POST Method
Required Transaction Request fields

Field name	Type	Desc
user_id	mandatory	user server id fetched when logged in
secret_key	mandatory	saved user secret key
chord_id	mandatory	chart id which you want remove
setId	mandatory	set id
method	mandatory	"removeFromSet" - if you want remove chart only from the set.

Server response: JSON string
OK:
```
        {
                "status":"ok",
        }
```

FAILED:
```
        {
                "status":"failed"
        }
```

7. Remove chart fro user

request url: http://192.169.197.8/app12Bar/cms/chart.php
POST Method
Required Transaction Request fields

Field name	Type	Desc
user_id	mandatory	user server id fetched when logged in
secret_key	mandatory	saved user secret key

chord_id	mandatory	chart id which you want remove
method	mandatory	"removeForUser" - if you want remove chart only for one user

Server response: JSON string
OK:
```
{
        "status":"ok",
}
```

FAILED:
```
{
        "status":"failed"
}
```

8. Remove chart from all users

request url: http://192.169.197.8/app12Bar/cms/chart.php
POST Method

Required Transaction Request fields

Field name	Type	Desc
user_id	mandatory	user server id fetched when logged in
secret_key	mandatory	saved user secret key
chord_id	mandatory	chart id which you want remove
method	mandatory	"remove" - if you want remove chart for all users

Server response: JSON string
OK:
```
{
        "status":"ok",
}
```

FAILED:
```
{
        "status":"failed"
}
```

9. Share chart for users

request url: http://192.169.197.8/app12Bar/cms/chart.php
POST Method

Required Transaction Request fields

Field name	Type	Desc
user_id	mandatory	user server id fetched when logged in
secret_key	mandatory	saved user secret key
chord_id	mandatory	chart id which you want share
method	mandatory	"share"
friend_id	mandatory	id friends separated by commas

Server response: JSON string
OK:
```
{
        "status":"ok",
}
```

FAILED:
```
{
        "status":"failed"
}
```

10. Accept shared chart

request url: http://192.169.197.8/app12Bar/cms/chart.php
POST Method

Required Transaction Request fields

Field name	Type	Desc
user_id	mandatory	user server id fetched when logged in
secret_key	mandatory	saved user secret key
chartId	mandatory	chart id which you want to accept
method	mandatory	"acceptChart"

Server response: JSON string
OK:
```
        {
                "status":"ok",
        }
```

FAILED:
```
        {
                "status":"failed"
        }
```

11. Decline shared chart

request url: http://192.169.197.8/app12Bar/cms/chart.php
POST Method

Required Transaction Request fields

Field name	Type	Desc
user_id	mandatory	user server id fetched when logged in

secret_key	mandatory	saved user secret key
chartId	mandatory	chart id which you want to accept
method	mandatory	"declineChart"

Server response: JSON string
OK:

```
{
        "status":"ok",
}
```

FAILED:

```
{
        "status":"failed"
}
```

"API for sets"

request url: http://192.169.197.8/app12Bar/cms/set.php

12. Add new set

request url: http://192.169.197.8/app12Bar/cms/set.php
POST Method

Required Transaction Request fields

Field name	Type	Desc
user_id	mandatory	user server id fetched when logged in
secret_key	mandatory	saved user secret key
data	mandatory	user data (JSON string)
method	mandatory	"add"
setId	mandatory	set id generated on the client side

Server response: JSON string
OK:
```
{
        "status":"ok",
        "chord_id":"<give chart id from json>",
        "serverId":"<server set id>",
        "last_updated_set":<latest datetime for aded chart>,
        "last_created_set":"<latest datetime when chart was added into DB>",
        "response_code":"15"
}
```
FAILED:

13. Update set

request url: http://192.169.197.8/app12Bar/cms/set.php
POST Method

Required Transaction Request fields

Field name	Type	Desc
user_id	mandatory	user server id fetched when logged in
secret_key	mandatory	saved user secret key
data	mandatory	user data (JSON string)
method	mandatory	"update"
setId	mandatory	set id generated on the client side

Server response: JSON string

OK:

```
{
        "status":"ok",
        "response_code":"17",
        "last_updated_set":<>
}
```

FAILED:

```
{
        "status":"failed"
}
```

14. Remove set

request url: http://192.169.197.8/app12Bar/cms/set.php
POST Method

Required Transaction Request fields

Field name	Type	Desc
user_id	mandatory	user server id fetched when logged in
secret_key	mandatory	saved user secret key
method	mandatory	"remove"

setId	mandatory	set id generated on the client side

Server response: JSON string

OK:

```
{
        "status":"ok"
}
```

FAILED:

15. Share set

request url: http://192.169.197.8/app12Bar/cms/set.php

POST Method

Required Transaction Request fields

Field name	Type	Desc
user_id	mandatory	user server id fetched when logged in
secret_key	mandatory	saved user secret key
method	mandatory	"share"
setId	mandatory	set id generated on the client side
friend_id	mandatory	id friends separated by commas

Server response: JSON string

OK:

```
{
        "status":"ok"
}
```

FAILED:

16. Remove set

request url: http://192.169.197.8/app12Bar/cms/set.php
POST Method

Required Transaction Request fields

Field name	Type	Desc
user_id	mandatory	user server id fetched when logged in
secret_key	mandatory	saved user secret key
method	mandatory	"removeSet"
setId	mandatory	set id generated on the client side

Server response: JSON string
OK:
```
{
        "status":"ok"
}
```
FAILED:

17. Accept shared set

request url: http://192.169.197.8/app12Bar/cms/set.php
POST Method

Required Transaction Request fields

Field name	Type	Desc
user_id	mandatory	user server id fetched when logged in
secret_key	mandatory	saved user secret key
method	mandatory	"acceptSet"
setId	mandatory	set id generated on the client side

Server response: JSON string

OK:
```
{
        "status":"ok"
}
```
FAILED:

18. Decline shared set

request url: http://192.169.197.8/app12Bar/cms/set.php
POST Method

Required Transaction Request fields

Field name	Type	Desc
user_id	mandatory	user server id fetched when logged in
secret_key	mandatory	saved user secret key
method	mandatory	"declineSet"
setId	mandatory	set id generated on the client side

Server response: JSON string

OK:
```
{
        "status":"ok"
}
```
FAILED:

Issuer Response Code Mapping

Issuer Resp.	Description
0	error
1	user logged in
2	registered as a new user
8	fetched user data
6	no data found
11	no shared data
12	user have shared data
14	new chart added
15	new set added
16	chart was updated
17	set was updated
62	user have updated data

Sample chart

```
{
    "serverId": "265",
    "genre": "Children/u2019s",
    "notes": "",
    "bpm": "120",
    "time_sig": "4/4",
    "cTitle": "Sample",
    "chordId": "1420743758",
    "key": "Eb",
    "artist": "Artist",
    "owner": "1",
    "lyrics": [
      {
        "cordinates": [],
        "chorus": [
          "Intro",
          "V1",
          "",
          "",
          "",
          "",
          "",
          ""
        ],
        "txt": "Hello world"
      }
    ],
    "share_status": "0",
    "created": "2015-01-08 12:02:38",
    "last_updated_time": "2015-01-12 05:34:44"
    }
```

Sample set

```
{
    "setId": "1421083066",
    "serverId": "106",
    "notes": "",
    "artist": "Artist",
    "owner": "1",
    "date": "01-12-2015",
    "location": "Some location",
    "title": "Sample",
    "created": "2015-01-12 10:17:47",
    "share_status": "0",
    "last_updated_time": "2015-01-14 03:56:25",
    "chords": [
      {
        "chordId": "1421071390",
        "serverId": "277"
      },
      {
        "chordId": "1421071374",
        "serverId": "276"
      },
      {
        "chordId": "1420743758",
        "serverId": "265"
      },
      {
        "chordId": "1420743821",
        "serverId": "266"
      },
      {
        "chordId": "1421073428",
        "serverId": "279"
      }
    ]
  }
```

Sample user data

```
{
  "status": "ok",
  "response_code": "8",
  "data": {
    "freeChords": [
      {
        "serverId": "265",
        "genre": "Children/u2019s",
        "notes": "",
        "bpm": "120",
        "time_sig": "4/4",
        "cTitle": "Sample",
        "chordId": "1420743758",
        "key": "Eb",
        "artist": "Artist",
        "owner": "1",
        "lyrics": [
          {
            "cordinates": [
              {
                "x": "136.000000",
                "custom": "0",
                "y": "59.200001",
                "index": "0",
                "uniqueId": "1420540725",
                "metadata": "",
                "key_char": "Db"
              },
              {
                "x": "343.000000",
                "custom": "0",
                "y": "366.399994",
                "index": "3",
                "uniqueId": "1420540727",
                "metadata": "",
                "key_char": "Ab"
              },
              {
                "x": "276.000000",
                "custom": "0",
```

```
          "y": "264.000000",
          "index": "9",
          "uniqueId": "1420540728",
          "metadata": "m",
          "key_char": "G"
        },
        {
          "x": "163.000000",
          "custom": "0",
          "y": "315.199982",
          "index": "7",
          "uniqueId": "1420540729",
          "metadata": "",
          "key_char": "E"
        }
      ],
      "chorus": [
        "",
        "",
        "",
        "",
        "",
        "",
        "",
        ""
      ],
      "txt": "Hello world"

    }
  ],
  "share_status": "0",
  "created": "2015-01-08 12:02:38",
  "last_updated_time": "2015-01-12 05:34:44"
 }
],
"sets": [
 {
   "setId": "1421083066",
   "serverId": "106",
   "notes": "",
   "artist": "Artist",
   "owner": "1",
   "date": "01-12-2015",
```

```
      "location": "Some location",
      "title": "Sample",
      "created": "2015-01-12 10:17:47",
      "share_status": "0",
      "last_updated_time": "2015-01-14 03:56:25",
      "chords": [
        {
          "chordId": "1421071390",
          "serverId": "277"
        }
      ]
    }
  ]
},
"latest_created_chart": "2015-01-14 08:30:24",
"last_updated_chart": "2015-01-14 08:37:44",
"latest_created_set": "2015-01-12 14:45:33",
"last_updated_set": "2015-01-14 03:57:51"
}
```