API Defines

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| Version | Written by | Date |
| 0.1(draft) | Sergei Nikolayevich  (backend developer) | 3/8/2016 |

\* all return value will be encoded in json format

\* v2.0 apis are necessary but will be implemented in next stage.

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| **format** | **description** | **params** | **Return value** | **Note** |
| /create\_user | Create a new user account with profile. | First\_name, email, last\_name,biography,photo\_path | Err\_code(0 if successful, non-zero otherwise) | During signup process of ios app and the site will call this api. |
| /update\_user | Modify the user profile | First\_name, email, last\_name,biography,photo\_path | Err\_code | V2.0 |
| /delete\_user | Delete the user profile | Email address | Err\_code | V2.0 |
| /create\_artist | Create a new artist account with profile. | First\_name, email, last\_name,biography,photo\_path | Err\_code | During artist signup process of ios app and the site will call this api. |
| /update\_artist | Modify the artist profile | First\_name, email, last\_name,biography,photo\_path | Err\_code | V2.0 |
| /delete\_artist | Delete the artist profile | Email address | Err\_code | V2.0 |
| /browse\_artist | Gets the list of artists registered | Keyword(optional): | Err\_code, array of artists (first name, last name, profile, photo\_url, songs) |  |
| /upload\_music | Updates music database, appending new record | url (path),album\_cover,caption,metadata,genre, artist\_id | Err\_code |  |
| /feeds | Gets latest musics posts from the database | None | Err\_code,  List of music(album\_cover, link\_preview, caption, metadata, artist\_id) |  |
| /channels | Gets list of channels available | None | Err\_code, list of channels(channel\_name, number\_of\_musics) |  |
| /channels/\*channelName\* | Gets list of musics in channel | channelName | Err\_code,  List of music in this channel(album\_cover, link\_preview, caption, metadata, artist\_id) |  |
| /search/\*keyword\* | Search musics or channels | keyword | Err\_code,  List of music matched the keyword(album\_cover, link\_preview, caption, metadata, artist\_id) |  |
| /profile/\*userId\* | Retrieves a specific user | userId | Err\_code, Profile picture, profile bio, profile url, profile content(rebeats) |  |