**API Documentation**

An application programming interface (API) is a set of subroutine definitions, protocols, and tools for building application software.

API is the messenger that takes your request and tells the system what to do and in return gives back the response you asked for.

There are four types of actions an API can take:

* GET: requests data from a server
* POST: sends changes from the client to the server; think of a POST request as adding information to the server, like making a new entry
* PUT: revises or adds to existing information
* DELETE: deletes existing information

The things you can do with a given API solely depends on what the creator of the API allowyou to do with it, and your own imagination.

**Examples:**

Instagram Graph API: The Instagram Graph API allows Instagram Professionals, Businesses and Creators to use your app to manage their presence on Instagram.

* Getting and managing photos, videos, stories etc.
* Moderating comments and their replies.
* Discovering hashtagged media.
* Discovering media and profile interaction.

Instagram Basic Display API: The Instagram Basic Display API allows users of your app to get basic profile information, photos, and videos in their Instagram accounts.

* Get an Instagram user access tokens and permissions from a user.
* Get a user’s profile.
* Geta an Instagram user’s images, videos etc.

Google API: Whenever we visit any website, The site shows an option for signing up through your google account. After that we are able to login and proceed ahead with the application without even worrying how that code was written. It’s because of the API that has simplified all your work. So all the information being provided for Google sign up is done through the API.

Facebook API: The way Google API is used for signing up on a particular website or an application the same way Facebook API is used.

API’s are also used to fetch data from a public API like music lists, movies, open stats and this data can be used in our projects accordingly.

Nexmo API can be used to send text message to anyone in this world.