# API Specifications:

## API Protocol Details from Application to Server

All APIs are exposed as stateless HTTP services. JSON formats are used for request/response.

URL Pattern for services is:

***http://<Host>:port/api/v1/<serviceName>***

**<Host>** - Host domain name or IP address

**<serviceName>** - Service Name of API

e.g. To get all jokes from Database

<http://localhost:8015/api/v1/jokes>

APIs

## 1.1 All Jokes

**Request: GET**

<http://localhost:8015/api/v1/jokes>

## 1.2 Jokes by Category

**Request: POST**

<http://localhost:8015/api/v1/jokes?jokesCategory> =FUNNY

## 1.3 Create Joke

**Request: POST**

[http://localhost:8015/api/v1/](http://localhost:8015/api/v1/jokes?jokesCategory) jokes/create

## 1.3 Update Joke

**Request: POST**

[http://localhost:8015/api/v1/](http://localhost:8015/api/v1/jokes?jokesCategory) jokes/update

## 1.4 Delete Joke

**Request: POST**

[http://localhost:8015/api/v1/](http://localhost:8015/api/v1/jokes?jokesCategory) jokes/delete

## 1.4 Jokes Categories

**Request: GET**

[http://localhost:8015/api/v1/](http://localhost:8015/api/v1/jokes?jokesCategory) jokesCategories