**API:**

**Server:**

**Powerful computers to store data (imgs, phone no, emails,passwords,etc)**

**Client:**

**Whose info is**

**What is API?**

* **Application program interface**
* **Communication between client and server**

**How APIs works?**

**We are client**

**Yotube server**

**Internet ko use krty hue try krty hain request**

***Rest APIs:***

**Representational state transfer**

**Rest is architecture**

**Methods for restful services:**

**Get (data already on server, it responded by giving you that data)**

**Post**

**Update**

**Put**

**Delete**

API unique URL hota hai

Us api k end point k through us ko define krty hain

Us k through server se communicate krty hain

**Design screen k andr api se related code na ho**

**Us k liye separate classes**

**MVVM Model:**

**Google suggested this architecture to make application**

**Kaise banti hai?**

Node js(mongo db)

laravel

**Response of API => JSON structure**

**JSON structure:**

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Description automatically generated**

Data types are same in json bool,string,etc

JSON data is written as name value pairs

JSON object contains json values

Object has value key pairs

Key => string

Value can also be string

There can also be nested json object

JSON array