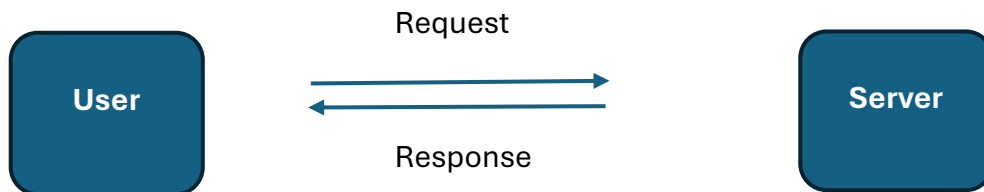


API (Application Programming Interface)

It is a set of rules for communication.

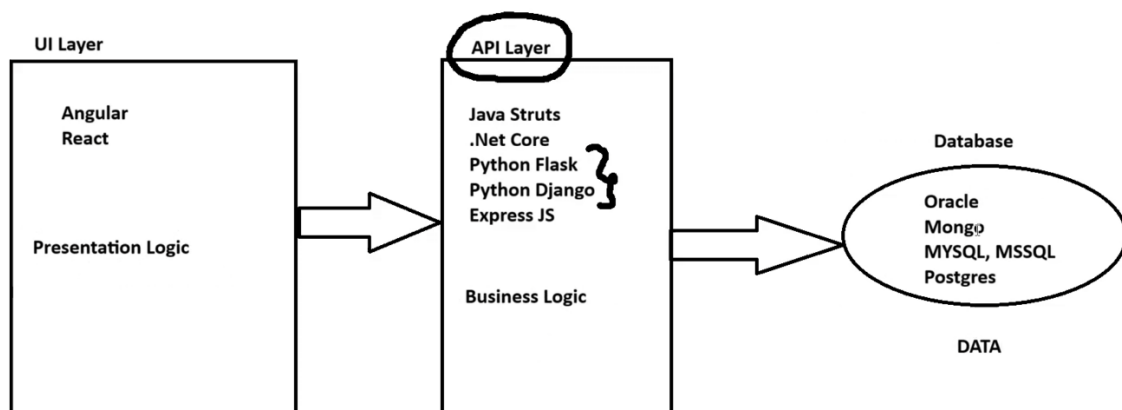


Need for APIs

- To talk to each other.
- To reuse existing functions.
- Faster development.
- More secure Connections.

REST APIs (Representational state Transfer)

- URL – To identify data
- HTTP methods – To perform actions

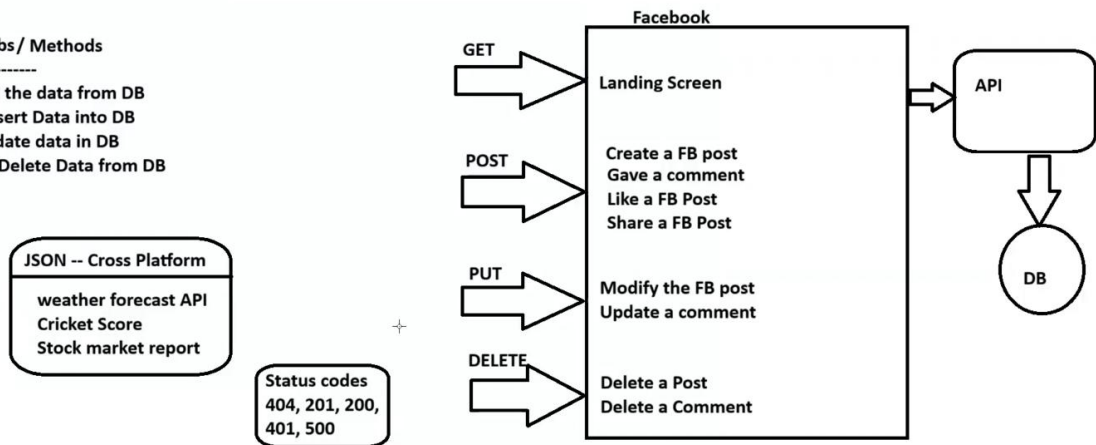


HTTP Methods

- **GET:** To retrieve data.
- **POST:** To insert new data.
- **PUT:** To update data.
- **DELETE:** To remove data.

Http Verbs/ Methods

GET: Pull the data from DB
POST: Insert Data into DB
PUT: Update data in DB
DELETE: Delete Data from DB



Status Codes

This tells the status of the task performed.

JSON File Format

This is a widely accepted norm standard of data passage and is accepted by all languages throughout.