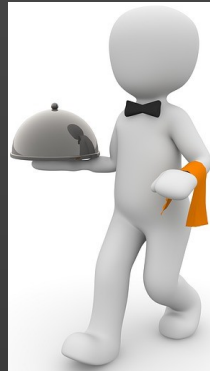


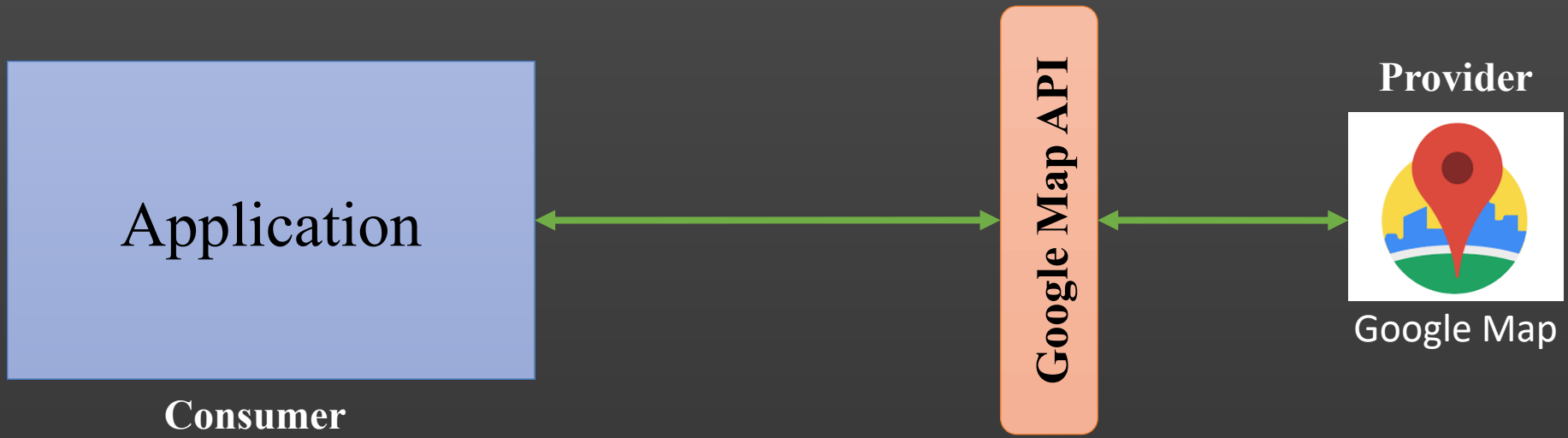
# Application Programming Interface (API)

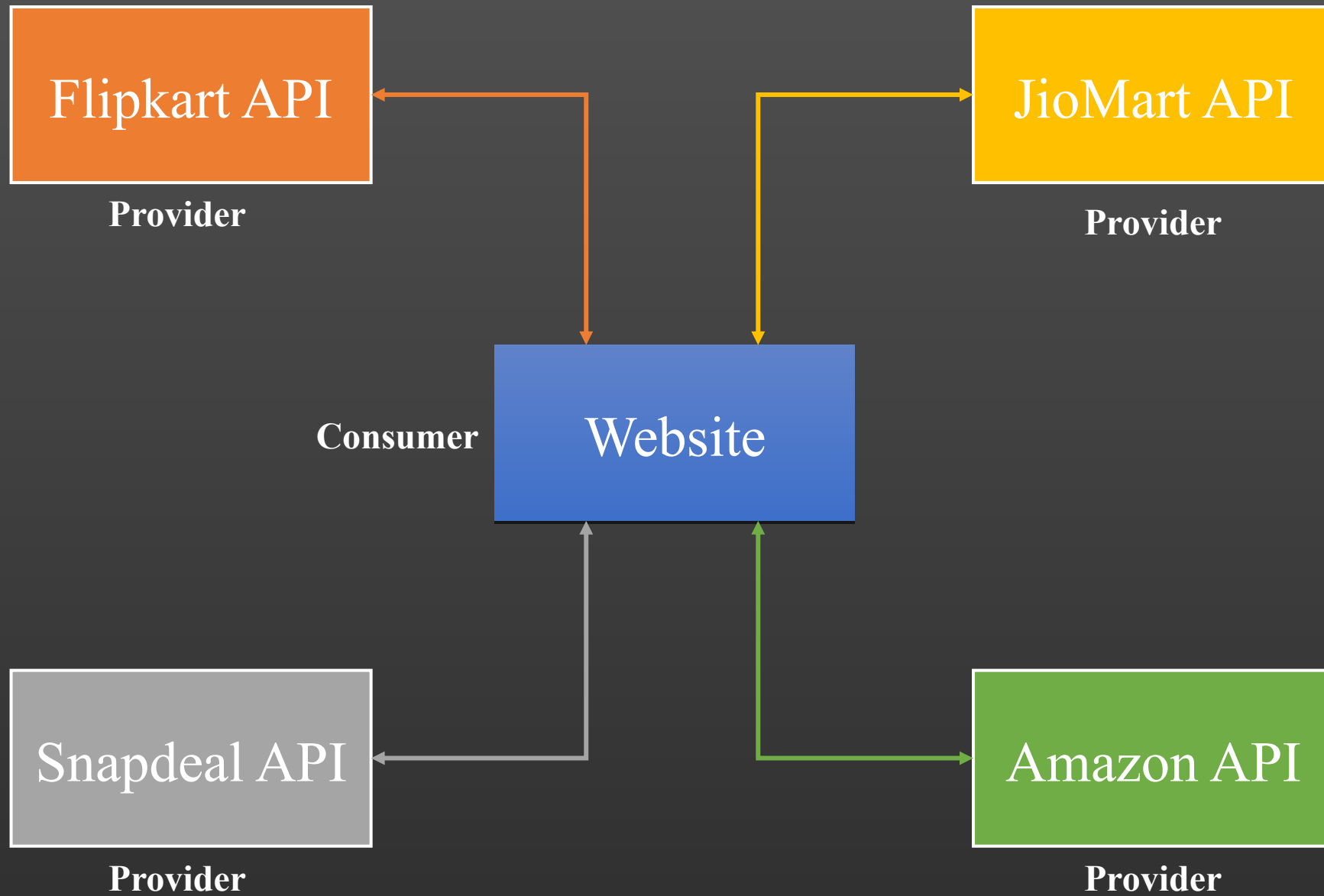
An API is a software intermediary that allows two or more applications to talk to each other.



API Type in terms of Release Policies:-

- Private – It can be used within the organization.
- Partner – It can be used within Business Partners.
- Public – It can be used any third party Developers.





Add/Update Student

Name:

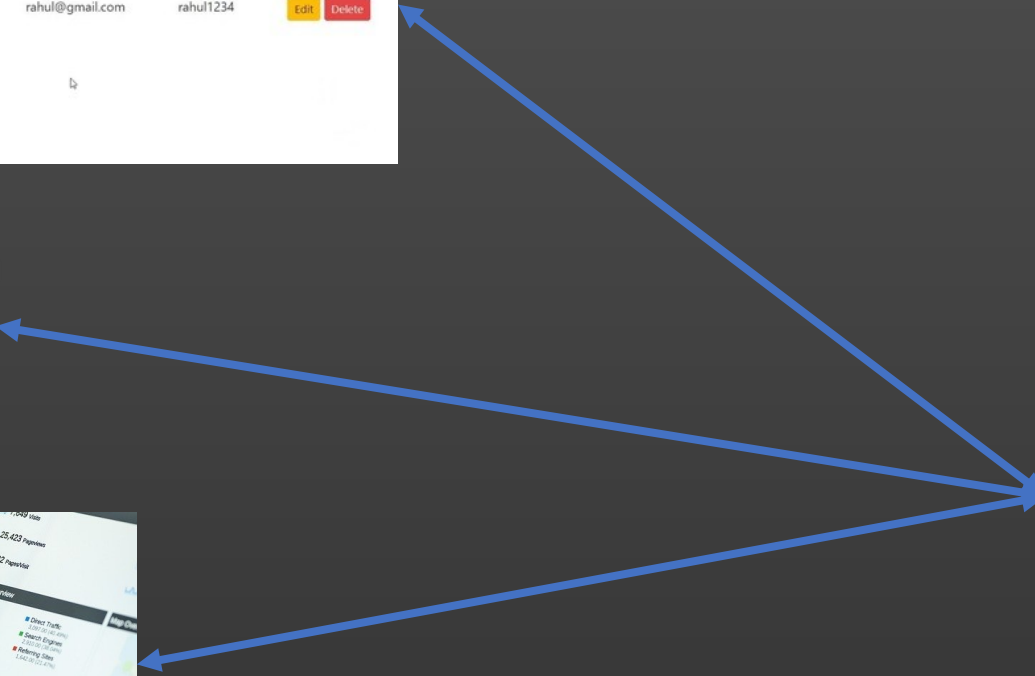
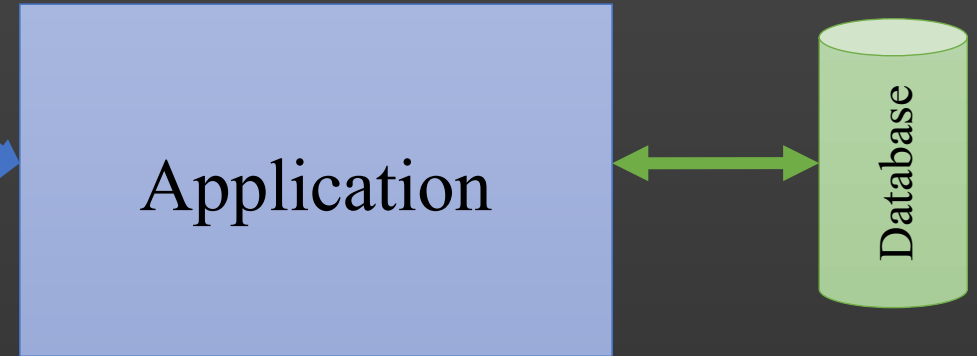
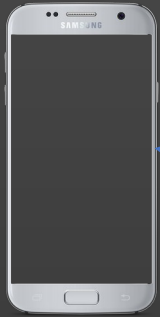
Email:

Password:

Save

Show Student Information

ID	Name	Email	Password	Action
65	Raj	raj@gmail.com	sonam1234	<div>Edit</div> <div>Delete</div>
66	Rahul	rahul@gmail.com	rahul1234	<div>Edit</div> <div>Delete</div>



Add/Update Student

Name:

Email:

Password:

Save

Show Student Information

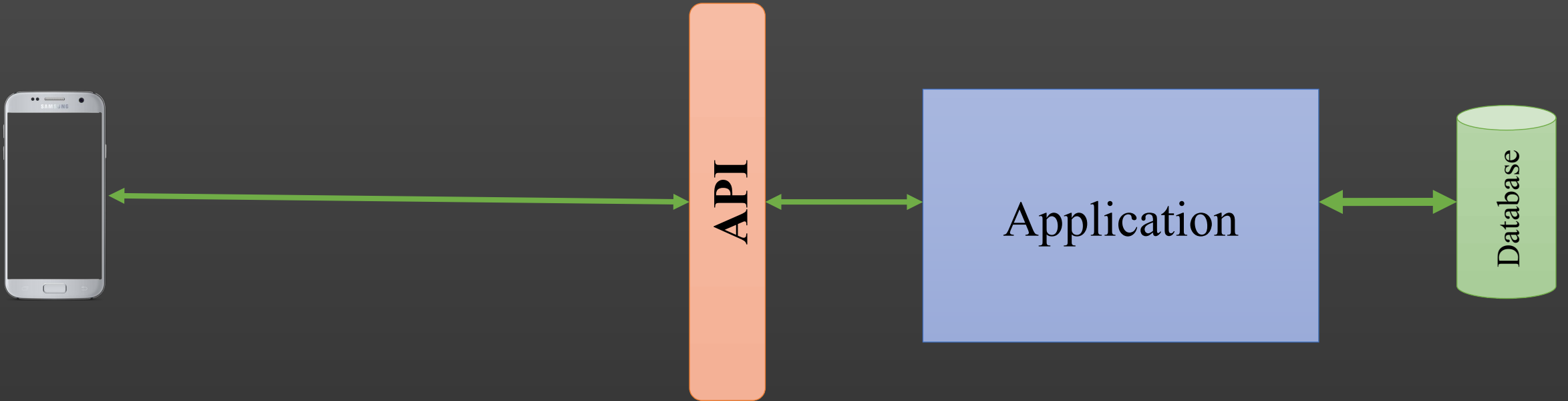
ID	Name	Email	Password	Action
65	Raj	raj@gmail.com	sonam1234	<div>EditDelete</div>
66	Rahul	rahul@gmail.com	rahul1234	<div>EditDelete</div>



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# How use API



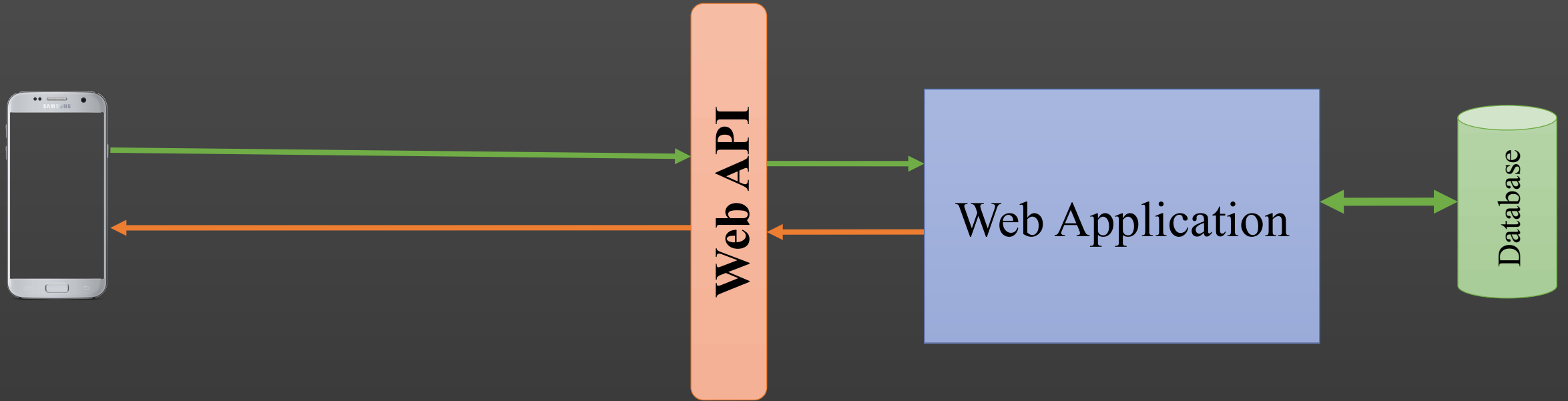
API Key/Token: 23423jkhjhgh32434hjgjh4343

# Web API

An API, which is interface for web is called as Web API.

It may consist of one or more endpoints to define request and response.

# How Web API Works

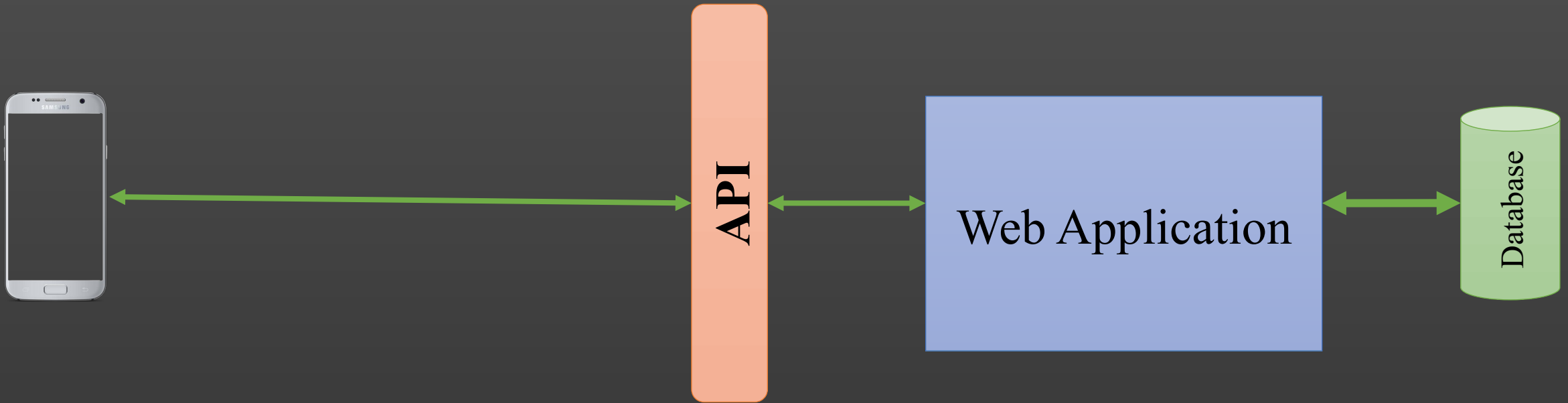


- Client makes HTTP Request to API
- API will communicate to Web Application/Database (If needed)
- Web Application/Database provides required data to API
- API returns Data to Client

Note – Json Data, XML Data



# How to use Web API



- Register/Sign-up to API
- API may provide API Key for Authentication purpose  
API Key/Token: *23423jkhjhgh32434hjgjh4343*
- Whenever you need to communicate with server make Request to API with API Key  
*<http://geekyshows.com/?key=23423jkhjhgh32434hjgjh4343>*
- If API Key authentication succeed, API will provide required Data