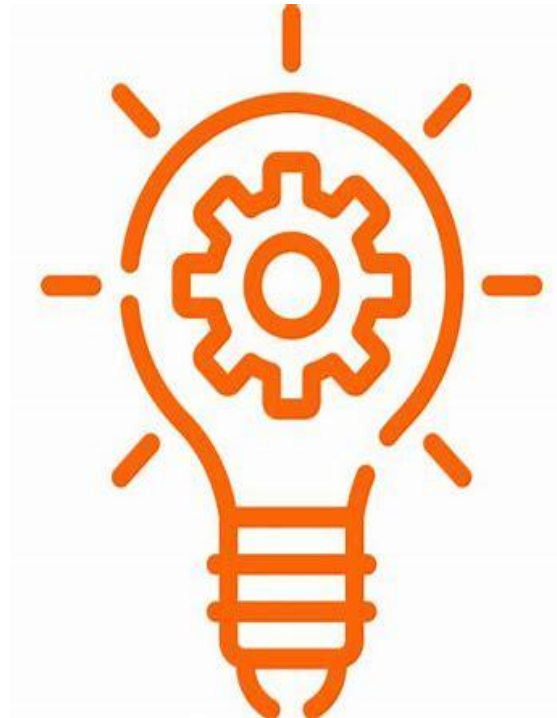


CUSTOMER CARE REGISTRY



TECHNOLOGY
ARCHITECTURE



TEAM MEMBERS

TEAM LEADER : B LAVANYA

TEAM MEMBER 1 : R LAVANYAKUMARI

TEAM MEMBER 2 : S GAYATHRI

TEAM MEMBER 3 : T NARMATHA

TEAM MEMBER 4 : S NISHANDHINI



TEAM DETAILS

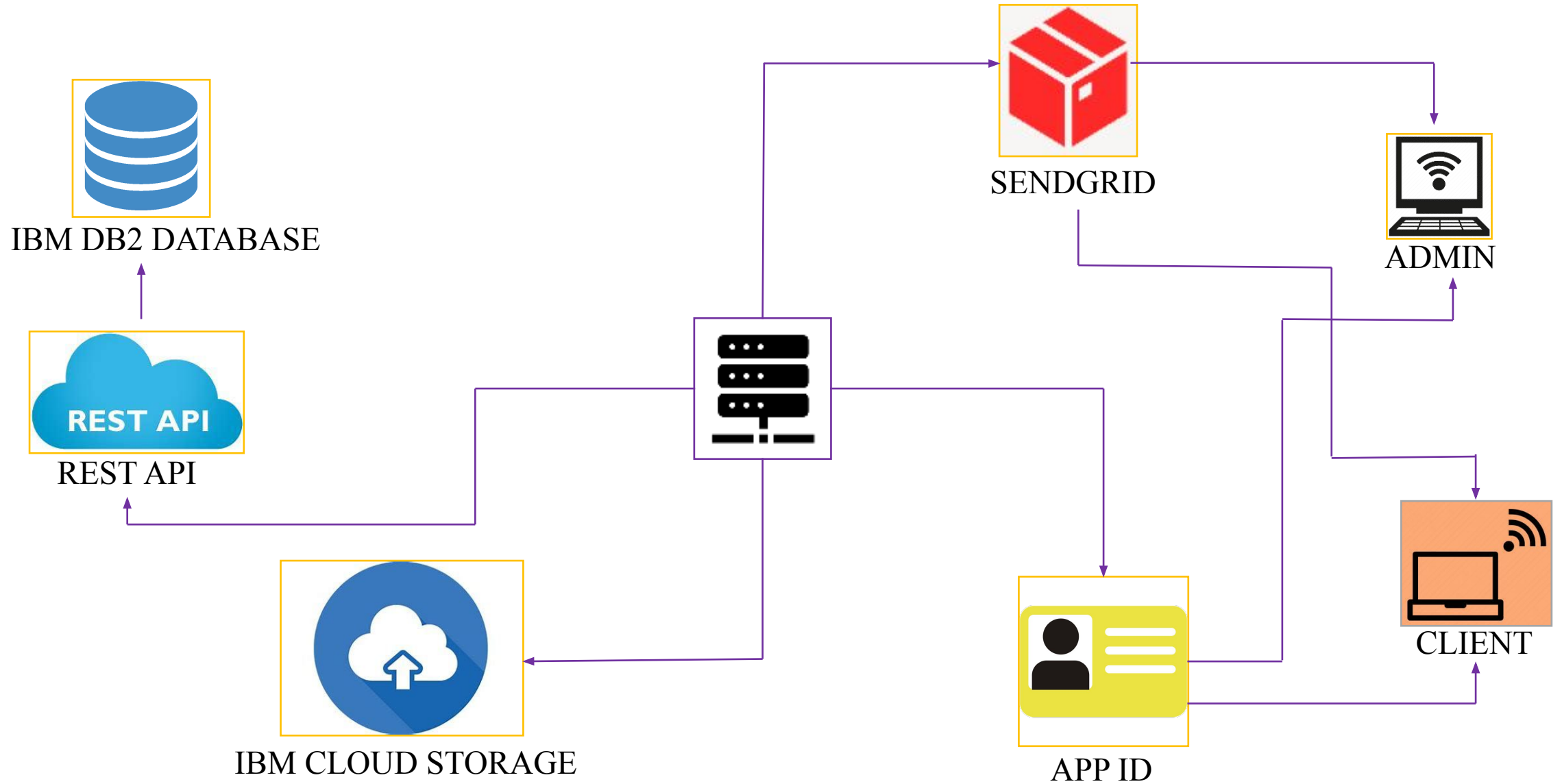
Team No : PNT2022TMID10753

College Name: IFET College Of Engineering

Department: Electronics and Communication & Engineering



TECHNOLOGY ARCHITECTURE



TECHNOLOGY ARCHITECTURE

S.NO	COMPONENT	DESCRIPTION	TECHNOLOGY
1	User Interface	User interaction with the application, for example Web UI, mobile apps, chatbots, etc.	JavaScript, AngularJS, ReactJS, HTML, CSS, etc.
2	Application Logic-1	The Justification behind an application's process	Python
3	Application Logic-2	The Justification behind an application's process	Watson STT from IBM
4	Application Logic-3	The justification behind an application's process	Watson Assistant by IBM
5	Database	Data Type, Configurations etc	MySQL etc.,
6	Cloud Database	Cloud database service	IBM Cloudant, IBM DB2, etc.
7	File Storage	Storage needs for files	IBM Block Storage, other storage options, or Domestic Filesystem
8	Infrastructure (Server / Cloud)	Local Server Configuration: Cloud Server / Application Deployment on Local System	local, cloud-based, Kubernetes, etc.

APPLICATION CHARACTERISTICS

S.NO	Characteristics	Description	Technology
1	Open-Source Frameworks	Describe the utilized open-source frameworks.	Python flask
2	Security Implementations	List all the security and access controls in use, including any firewalls.	For instance, firewalls, intrusion detection software, encryption
3	Scalable Architecture	Justify the architecture's ability to scale (3 – tier, Micro- services)	accommodates increased workloads without requiring significant adjustments
4	Availability	Justify the application's accessibility (via load balancers, distributed servers, etc.).	Your IT infrastructure can function normally even if some of its components fail thanks to high availability.
5	Performance	Application performance (number of requests per second, use of cache, use of CDNs, etc.) was taken into account throughout design.	In order to better the desired results of both individuals and organizations, performance technology is a field of activity that employs a variety of tools, methods, and ideas.

