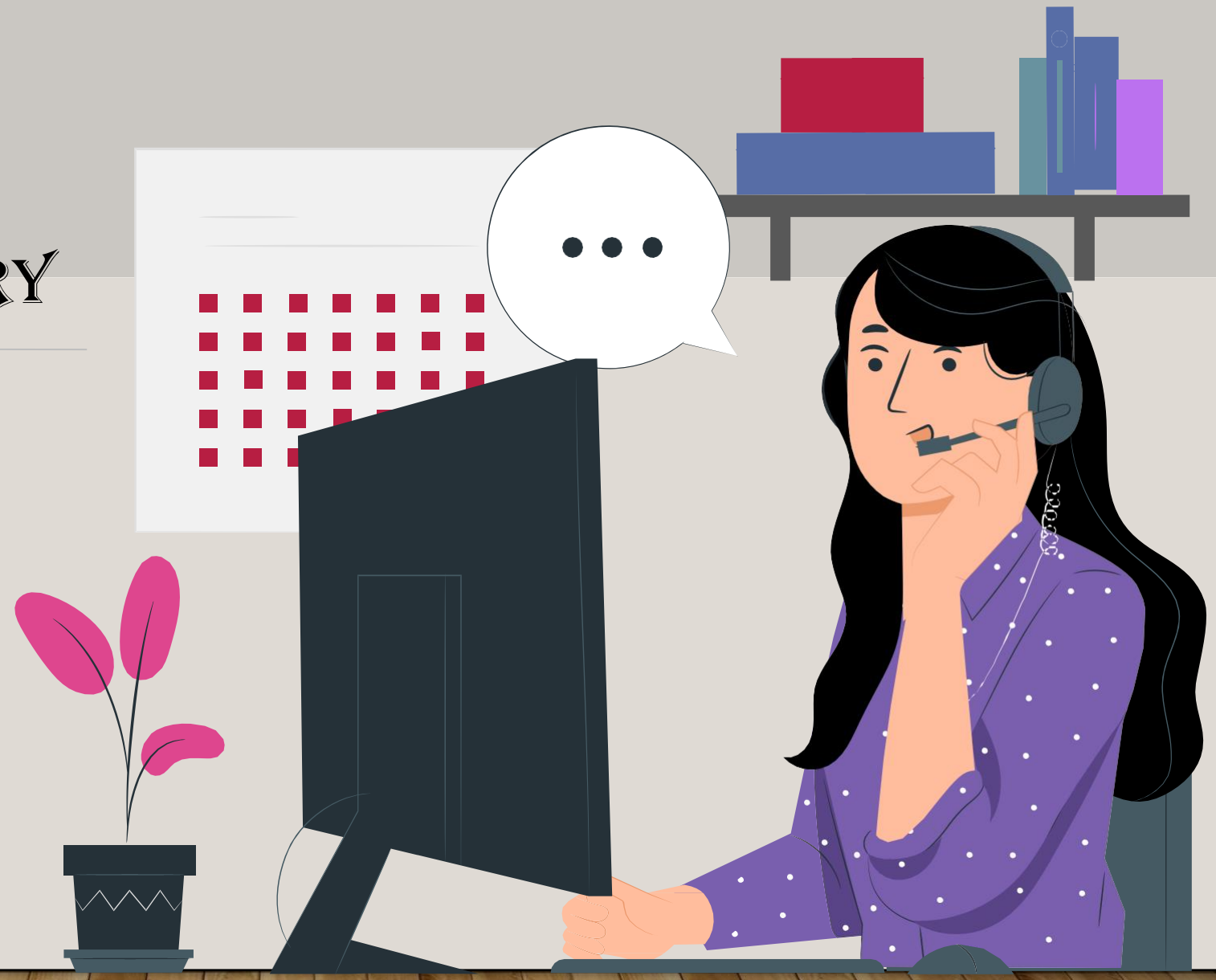
CUSTOMER CARE REGISTRY

TECHNOLOGY ARCHITECHTURE



TEAM DETAILS :

TEAM ID : PNT2022TMID37393

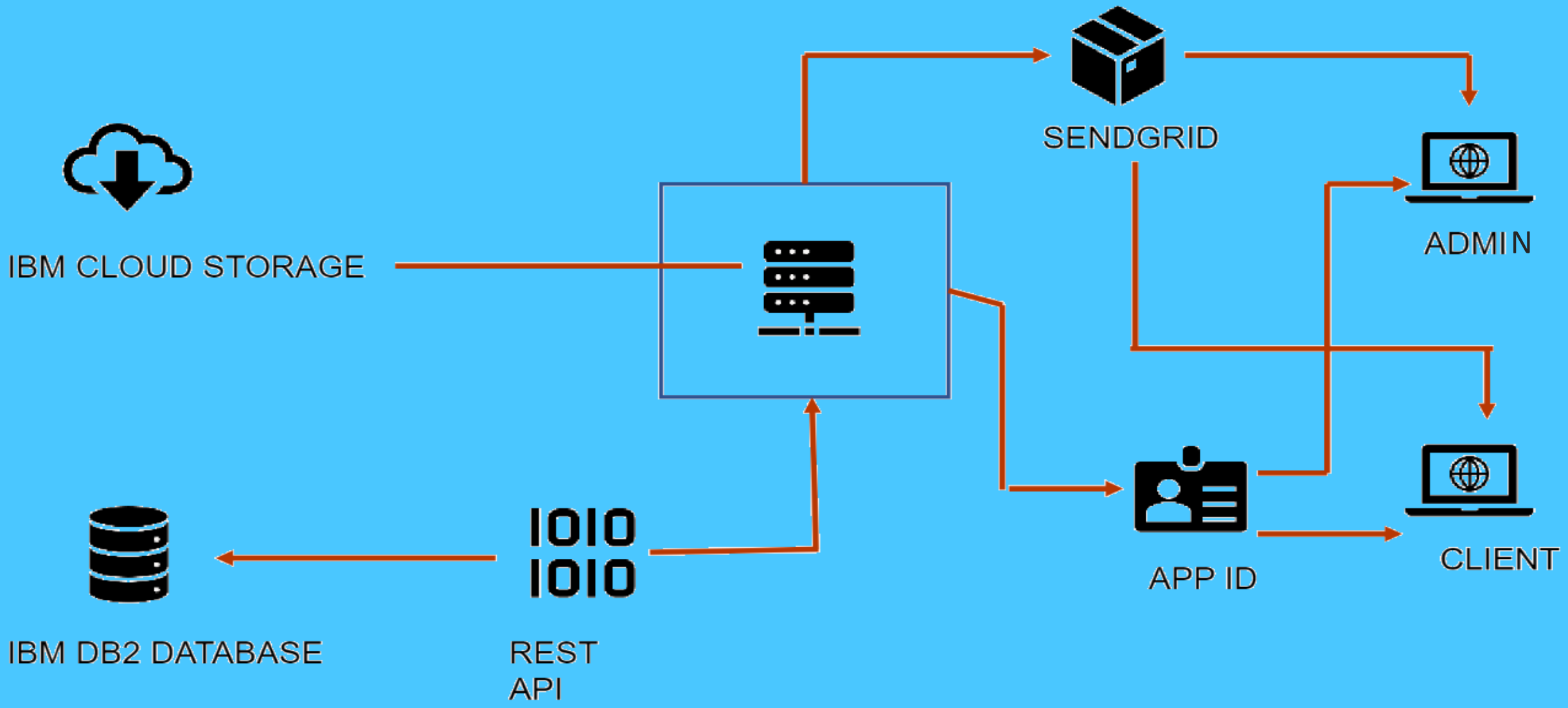
College : Mohammed sathak A.J College of Engineering

Department : Computer science Engineering

TEAM MEMBERS :

T.ARIAHRAN
T.PPRAKASH
R.KARTHIKEYAN
MOHAMMED MUNSHID PP

TECHNOLOGY ARCHITECTURE



TECHNOLOGY ARCHITECTURE

S.NO	COMPONENT	DESCRIPTION	TECHNOLOGY
1	User Interface	How user interacts with application e.g. Web UI, Mobile App, Chatbot etc.	HTML, CSS, JavaScript / Angular Js / React Js etc…
2	Application Logic-1	Logic for a process in the application	Python
3	Application Logic-2	Logic for a process in the application	IBM Watson STT service
4	Application Logic-3	Logic for a process in the application	IBM Watson Assistant
5	Database	Data Type, Configurations etc.	MySQL etc
6	Cloud Database	Database Service on Cloud	IBM DB2, IBM Cloudant etc…
7	File Storage	File storage requirements	IBM Block Storage or Other Storage Service or Local Filesystem
8	Infrastructure (Server / Cloud)	Application Deployment on Local System / Cloud Local Server Configuration: Cloud Server Configuration	Local, Cloud Foundry, Kubernetes, etc…

TECHNOLOGY ARCHITECTURE

S.NO	Characteristics	Description	Technology
1	Open-Source Frameworks	List the open-source frameworks used	python flask
2	Security Implementations	List all the security / access controls implemented, use of firewalls etc.	Encryption, intrusion detection software, antivirus, firewalls
3	Scalable Architecture	Justify the scalability of architecture (3 – tier, Microservices)	supports higher workloads without any fundamental changes to it.
4	Availability	Justify the availability of application (e.g. use of load balancers, distributed servers etc.)	High availability enables your IT infrastructure to continue functioning even when some of its components fail.
5	Performance	Design consideration for the performance of the application (number of requests per sec, use of Cache, use of CDN's) etc	Performance technology, therefore, is a field of practice that uses various tools, processes, and ideas in a scientific, systematic manner to improve the desired outcomes of individuals and organizations.

APPLICATION CHARACTERISTICS

Thank You…