

CUSTOMER CARE REGISTRY



TECHNOLOGY

ARCHITECTURE



TEAM MEMBERS

TEAM LEADER : S.MANGAYARKARASI

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TEAM MEMBER 3 : S.ARUNADEVI



TEAM DETAILS

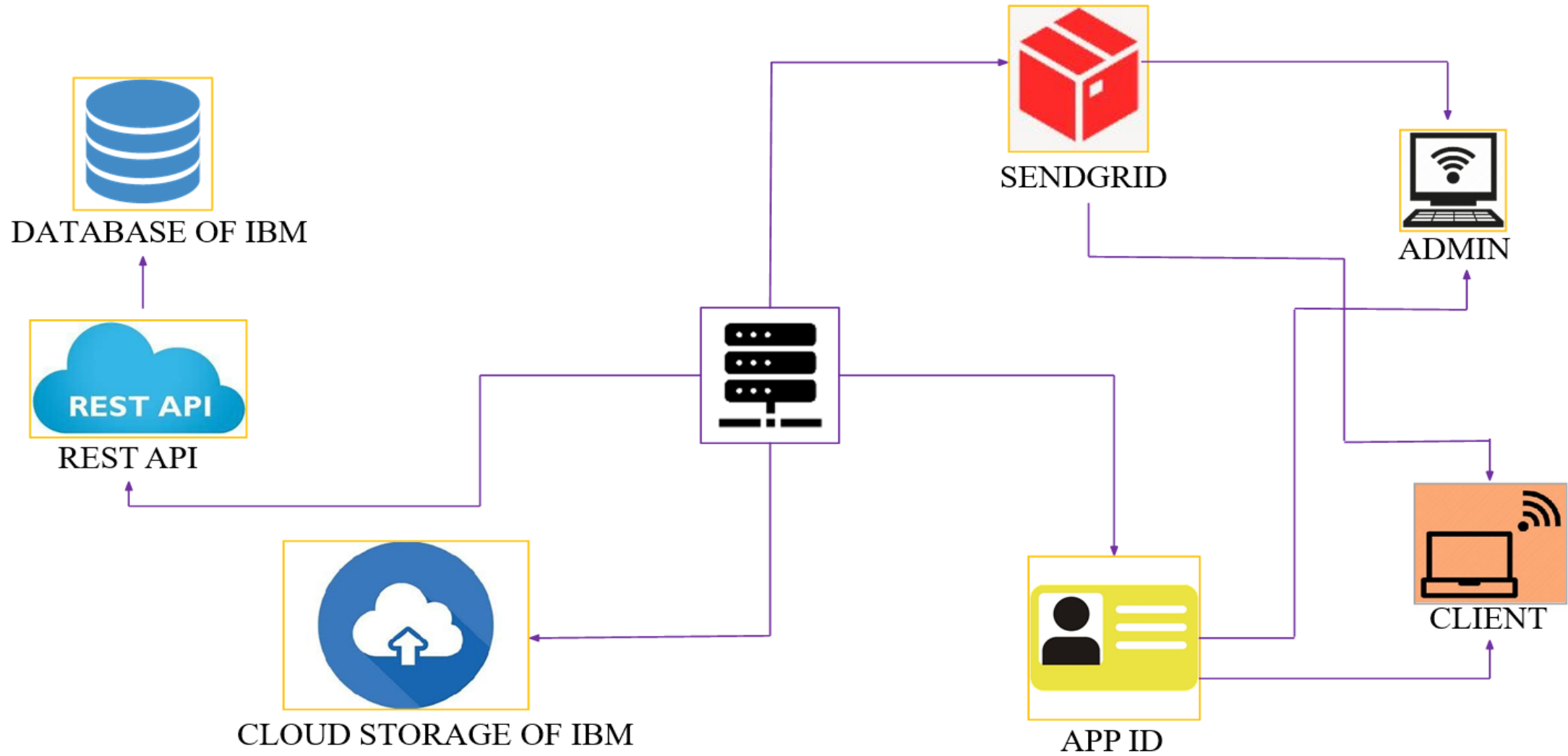
Team No : PNT2022TMID10757

College Name: IFET College Of Engineering

Department: Electronics and Communication & Engineering



TECHNOLOGY ARCHITECTURE



TECHNOLOGY ARCHITECTURE

S.NO	COMPONENT	DESCRIPTION	TECHNOLOGY
1	User Interface	Through chat bots, mobile apps, or web user interfaces the user provides the interaction.	JavaScript, HTML, CSS, AngularJS, ReactJS, etc.
2	Application Logic-1	The application process is justified behind.	Python
3	Application Logic-2	The application process is justified behind.	Watson STT from IBM
4	Application Logic-3	The application process is justified behind	Watson Assistant by IBM
5	Database	Types of data, configurations, etc.	MySQL etc.,
6	Cloud Database	Service for cloud databases	IBM DB2, IBM Cloud, etc.
7	File Storage	File storage requirements	IBM Block Storage, alternative methods of storing data, or the domestic file system
8	Infrastructure (Server / Cloud)	Cloud Server / Application Deployment on Local System with Local Server Configuration	local, Kubernetes, cloud-based, etc.

APPLICATION CHARACTERISTICS

S.NO	Characteristics	Description	Technology
1	Open-Source Architectures	List the open-source frameworks that are in use.	Python flask
2	Implementations in Security	Include any firewalls also provide the list of all security and access controls in place.	Intrusion detectionsystems, encryption and firewalls,
3	Scalable Architecture	Justify the scaling capabilities of the architecture (3 – tier, Micro- services)	Without requiring major modifications, supports rising workloads
4	Availability	Explain the accessibility of the application (via load balancers, distributed servers, etc.)	High availability ensures that your IT infrastructure continues to run smoothly even if some of its components fail.
5	Performance	Through all stages of design, application performance (requests per second, cache usage, CDN usage, etc.) was considered.	Performance technology is a branch of work that uses a number of methods, tools and ideas to achieve the desired results of both individuals and companies.

