CUSTOMER CARE REGISTRY

TECHNOLOGY ARCHITECTURE

TEAM DETAILS

- Team No   : PNT2022TMID10775

- College Name   : IFET College of Engineering

- Department   : Electronic and communication
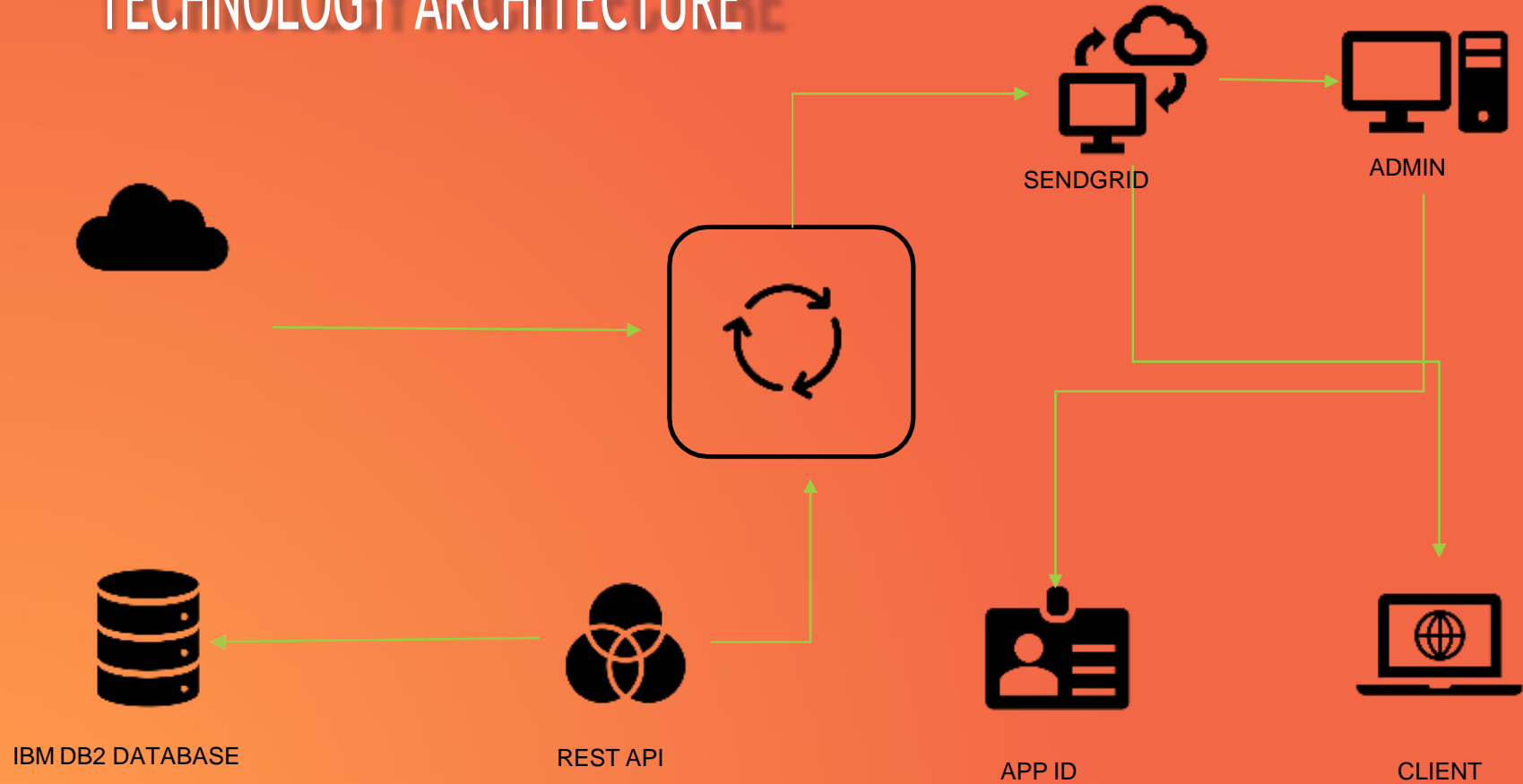 Engineering

TEAM MEMBERS
- RAHUL M
- SELVENDIRRAN P
- RAHUL KRISHNA J
- SATHISH KUMAR S
- SATHEESH KUMAR SR

PROJECT DESIGN PHASE - 2

PROPOSED SOLUTION

DATE	24 September 2022
TEAM ID	PNT2022TMID10775
PROJECT NAME	CUSTOMER CARE REGISTRY
MAXIMUM MARKS	2 Marks

TECHNOLOGY ARCHITECTURE

SENDGRID

ADMIN

IBM DB2 DATABASE

REST API

APP ID

CLIENT

TECHNOLOGY ARCHITECTURE

S.NO	COMPONENT	DESCRIPTION	TECHNOLOGY
1	User Interface	How user interacts with application e.g. Mobile App, Chatbot etc.	HTML, CSS, JavaScript/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 WatsonSTT service
4	Application Logic-3	Logic for a process in the application	IBM WatsonAssistant
5	Database	Data Type, Configurations etc.	MySQL
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

TECHNOLOGY ARCHITECTURE

S.No	Characteristics	Description	Technology
1.	Open-Source Frameworks	List the open-source frame works used	Flask Python
2.	Security Implementations	List all the security / access controls implemented, use of firewalls etc.	e.g., encryption, intrusion detection software, antivirus, firewalls
3.	Scalable Architecture	Justify the scalability of architecture(3 – tier, Micro-services)	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.

THANK YOU