CUSTOMER CARE REGISTRY

TECHNOLOGY ARCHITECTURE

TEAM DETAILS:

Team No : **PNT2022TMID10783**

College Name : **IFET College of Engineering**

Department : **Electronic and communication Engineering**

TEAM MEMBERS:

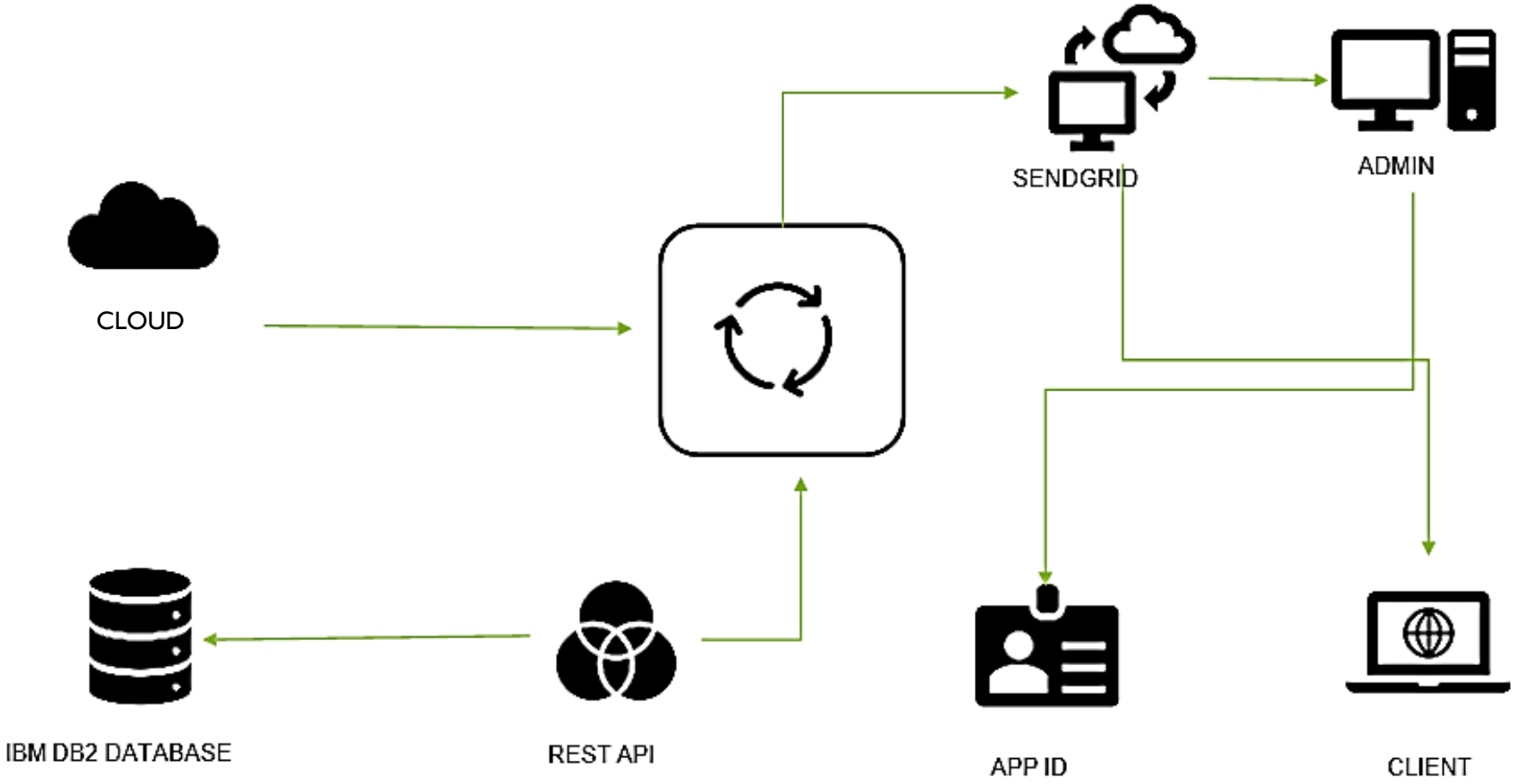
- **R. SHAFFERIYASUDHEEN**
- **S. SHARMA**
- **GORLA PENCHALA NARASIMHA**
- **SRI VENKATESH.K**

PROJECT DESIGN PHASE - II

Proposed Solution

DATE	13 November 2022
TEAM ID	PNT2022TMID10783
PROJECT NAME	CUSTOMER CARE REGISTRY
MAXIMUM MARKS	2 Marks

Technology Architecture



Technology Architecture

S.NO	COMPONENT	DESCRIPTION	TECHNOLOGY
1	User Interface	How user interacts with application e.g. W eb 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 W atsonSTT service
4	Application Logic-3	Logic for a process in the application	IBM W atsonAssistant
5	Database	Data Type, Configurations.	MySQL etc
6	Cloud Database	Database Service on Cloud	IBM DB2, IBM Cloud etc.
7	File Storage	File storagerequirements	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 frameworksused	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 withoutany fundamental changes to it.
4.	Availability	Justify the availability of application (e.g. use of load balancers,distributed servers etc.)	High availability enablesyour 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!