

CUSTOMER CARE REGISTRY

TECHNOLOGY ARCHITECTURE



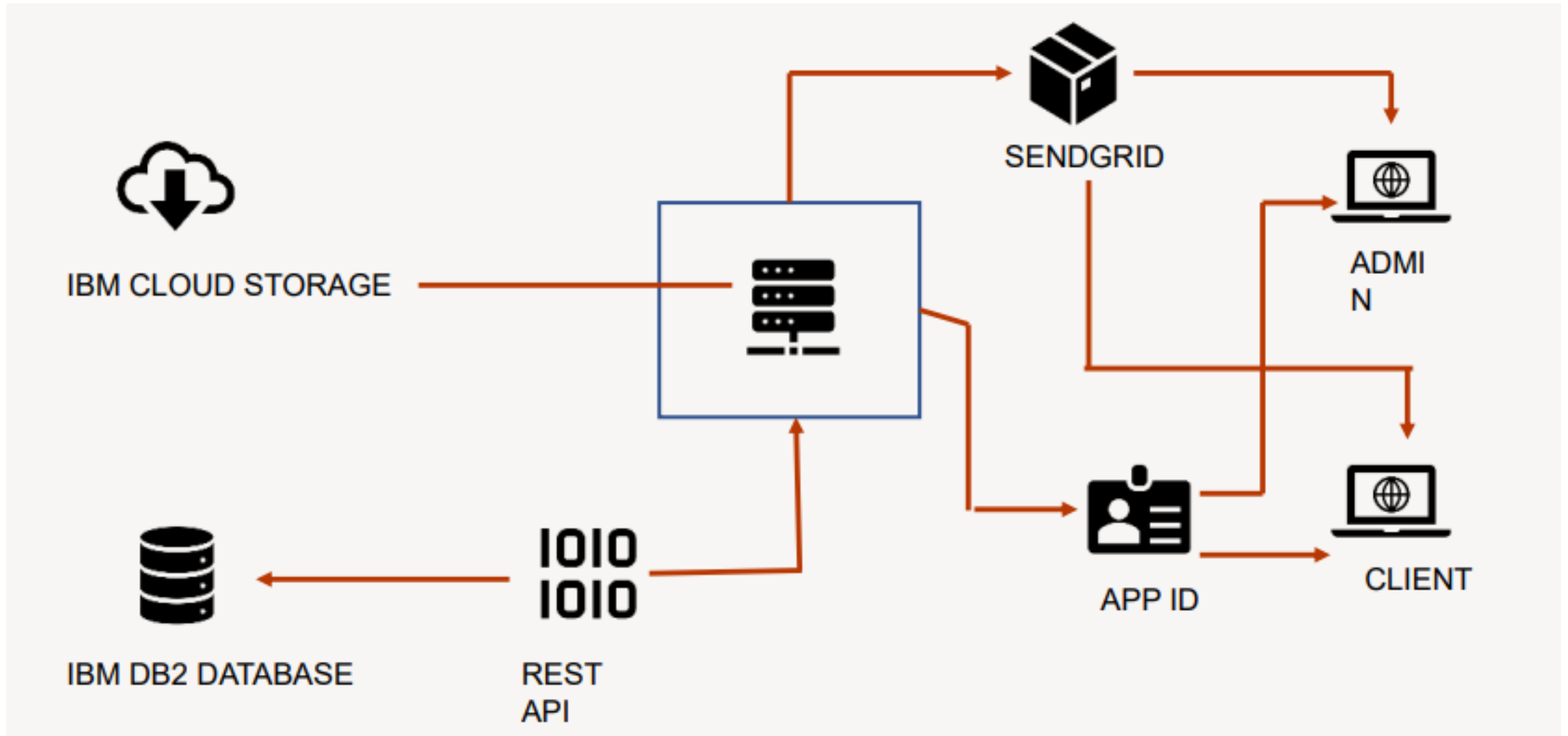
TEAM DETAILS:

Team No : PNT2022TMID10762
College Name : IFET College Of Engineering
Department : Electronics & Communication Engineering

PROBLEM MEMBERS:

- MOHANRAJ S
- MOHAMED FAIZAL M.S
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- GIRIDHARAN G

TECHNOLOGY ARCHITECTURE



TECHNOLOGY ARCHITECTURE

| S.NO | COMPONENT | DESCRIPTION | TECHNOLOGY |
|------|---------------------|--|--|
| 1. | User Interface | The platform which can be used by the user to enhance the better experience. | HTML.,CSS,Javascript |
| 2. | Application Logic-1 | Logic for a process in the application | Python |
| 3. | Application Logic-2 | Logic for a process in the application | BM Watson STT service |
| 4. | Application Logic-3 | Logic for a process in the application | IBM Watson Assistant |
| 5. | Database | To store and manage the Data | My SQL,MangoDB., |
| 6. | Cloud Database | Database in the cloud service | BM DB2, IBM Cloudant |
| 7. | File Storage | Data to get stored in files | IBM Block Storage or Other Storage Service or Local Filesystem |
| 8. | Infrastructure | Application Deployment on Local System / Cloud | Local, Cloud Foundry, Kubernetes, |

APPLICATION CHARACTERISTICS

| S.NO | Characteristics | DESCRIPTION | TECHNOLOGY |
|------|--------------------------|---|---|
| 1. | Open Source Framework | Open source framework used here. | Python flask |
| 2. | Security Implementations | Can list all the security controls which are implemented. | Encryption,Decryption |
| 3. | Scalable Architecture | Implement the scalability of architecture. | supports higher workloads without any fundamental changes to it. |
| 4. | Availability | Implement the Availability of application. | High availability enables your IT infrastructure to continue functioning even when some of its components fail. |
| 5. | Performance | Denotes the performance of application. | Performance 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