

CUSTOMER CARE REGISTRY

TECHNOLOGY ARCHITECTURE

TEAM DETAILS:

Team No : **PNT2022TMID21136**

College Name : Sri Shakthi Institute of Engineering and Technology

Department : Information Technology

PROJECT MEMBERS :

- AKILESWARAN G
- AJITH P
- DURAI MURUGAN R
- JEYANDRA M

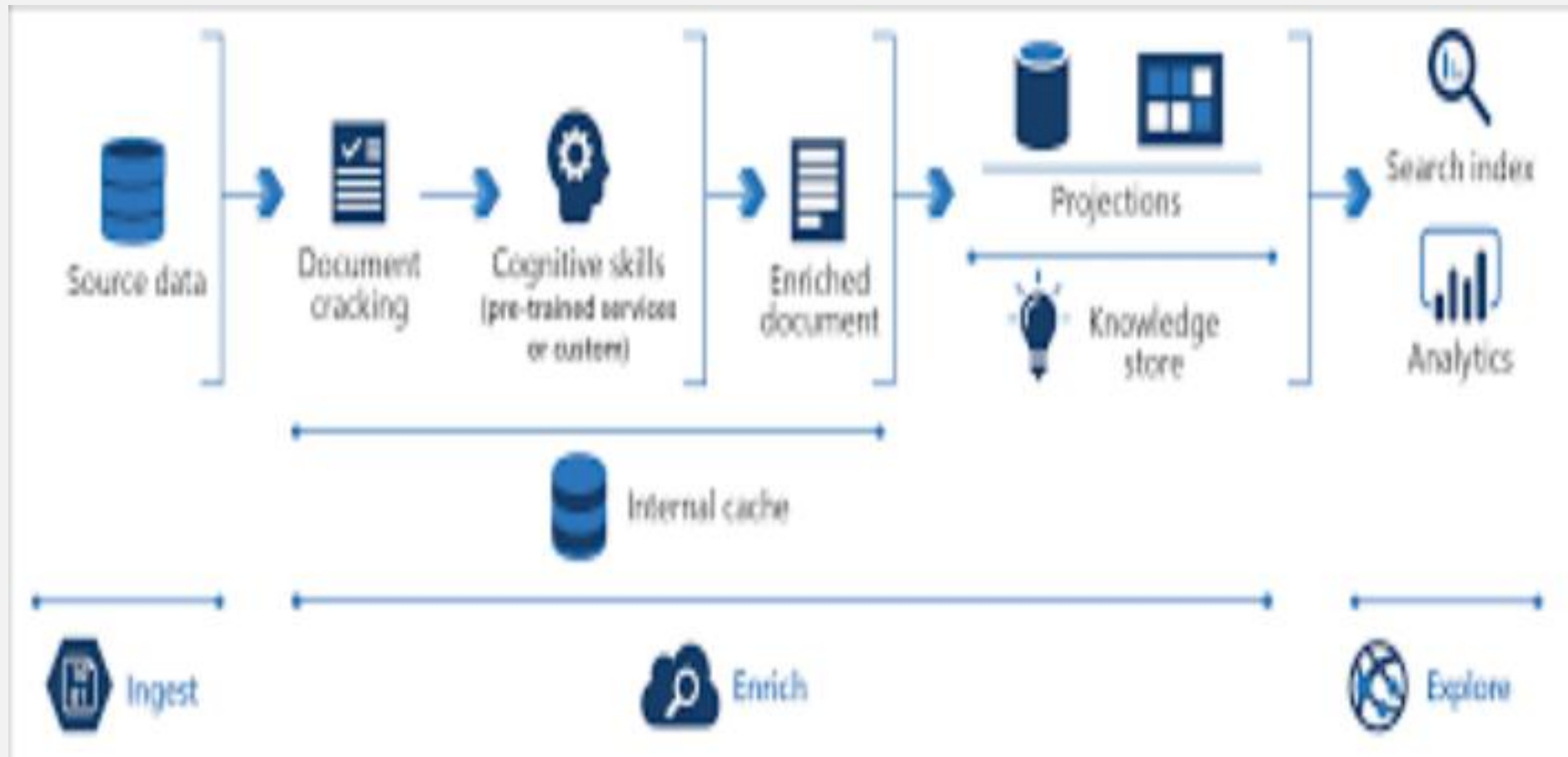


PROJECT DESIGN PHASE –II

TECHNOLOGY ARCHITECTURE

DATE	16.10.2022
TEAM ID	PNT2022TMID21136
PROJECT NAME	CUSTOMER CARE REGISTRY
MAXIMUM MARKS	

TECHNOLOGY ARCHITECTURE



TECHNOLOGY ARCHITECTURE

S No	Component	Description	Technology
01	User Interface	How user interacts with application e.g. Web UI, Mobile App, Chatbot etc.	HTML, CSS, JavaScript / Angular Js / React Js etc
02	Application Logic-1	Logic for a process in the application	Python
03	Application Logic-2	Logic for a process in the application	IBM Watson STT service
04	Application Logic-3	Logic for a process in the application	IBM Watson Assistant
05	Database	Data Type, Configurations etc.	MySQL etc
06	Cloud Database	Database Service on Cloud	IBM DB2, IBM Cloudant etc.
07	File Storage	File storage requirements	IBM Block Storage or Other Storage Service or Local Filesystem

TECHNOLOGY CHARACTERISTICS

S No	Characteristics	Description	Technology
01	Open-Source Frameworks	List the open-source frameworks used	python flask
02	Security Implementations	List all the security / access controls implemented, use of firewalls etc	.g., encryption, intrusion detection software, antivirus, firewalls
03	Scalable Architecture	Justify the scalability of architecture (3 – tier, Micro services)	upports higher workloads without any fundamental changes to it.
04	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 fai
05	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