Project Design Phase-II
Technology Stack (Architecture & Stack)

Date	23 October 2022
Team ID	PNT2022TMID34857
Project Name	Project – Customer Care Registry
Maximum Marks	4 Marks

Technical Architecture:

The Deliverable shall include the architectural diagram as below and the information as per the table1 & table 2

Example: Order processing during pandemics for offline mode

Reference: https://developer.ibm.com/patterns/ai-powered-backend-system-for-order-processing-during-pandemics/

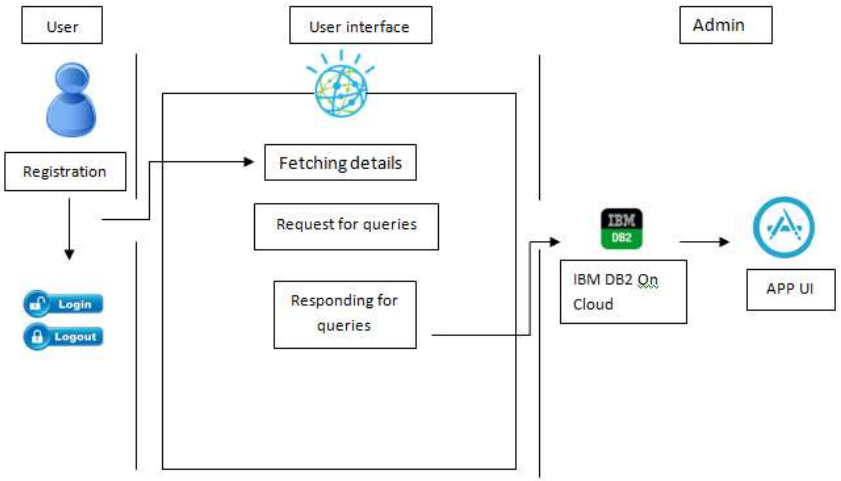

Table-1 : Components & Technologies:

S.No	Component	Description	Technology
1.	Registration	How the user interacts with the application by entering email, password and confirming password.	HTML, CSS, JavaScript
2.	Email confirmation	A user will receive a confirmation email once they register for the application.	Email confirmation
3.	Login	A user can log into the application by entering email & password.	HTML, CSS, JavaScript
4.	Details	A customer can fill personal details like name,mobile number	HTML, CSS, JavaScript
5.	Details	An agent can see the customer details.	HTML, CSS, JavaScript
6.	Database	Admin can store and retrieve the customer details.	MySql
7.	Cloud Database	An administrator can store the customer details.	IBM DB2, Object storage
8.	Details	Customer will request for queries to the agent	HTML,CSS,Javascript
9.	Cloud Database	Agent will check and responding the queries in database	IBM DB2,Object storage
10.	Email	Customer can confirm that the problem is resolved through email from the agent.	Confirming email verification.

Table-2: Application Characteristics:

S.No	Characteristics	Description	Technology
1.	Security Implementations	Web Application Firewall	Encryptions,OWASP etc.
2.	Availability	Available on the web and can be used anywhere and anytime.	HTML,CSS,Javascript,Python,IBM Cloud
3.	Performance	The overall performance will be good and user friendly.	IBM Cloud

References:

https://c4model.com/

https://developer.ibm.com/patterns/online-order-processing-system-during-pandemic/

https://www.ibm.com/cloud/architecture

https://aws.amazon.com/architecture

https://medium.com/the-internal-startup/how-to-draw-useful-technical-architecture-diagrams-2d20c9fda90d