Team #7 Cloud-Solutions System

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Database Background and Objective(Business)

- In the modern business environment, cloud services have become a crucial component of organizational success. As more businesses integrate cloud-based solutions, gaining insights into customer interactions with these services is paramount to staying competitive and driving growth. Our extensive and well-structured database is designed to provide a comprehensive understanding of various aspects, including customer accounts, cloud services, usage patterns, billing information, subscription plans, and infrastructure details.
- By effectively managing complex many-to-many relationships between Customers and Cloud Service Subscription, we can efficiently analyze customer behavior, identify emerging trends, and develop targeted strategies that cater to the evolving needs of our customer base. This data-driven approach not only enables businesses to offer personalized experiences that foster customer loyalty but also helps optimize resource allocation to ensure maximum return on investment.
- Furthermore, our cloud service provider database serves as a powerful tool that empowers businesses to make informed decisions, streamline operations, and identify opportunities for growth and innovation. By leveraging this valuable information, organizations can proactively address customer concerns, tailor subscription plans to meet specific requirements, and adapt to the dynamic market landscape. Some businesses can use this kind of service are: Cloud Service Providers, Small and Medium-sized Businesses, Government Agencies e.t.c.

Design Description

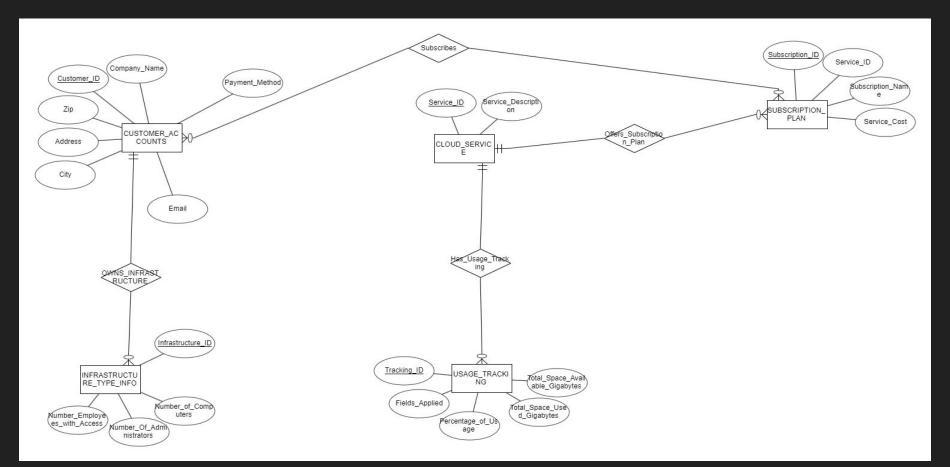
Objectives:

- Visualize the Client's Infrastructure
- Record Payments/Subscriptions
- Track the usage of the Cloud services

Entities:

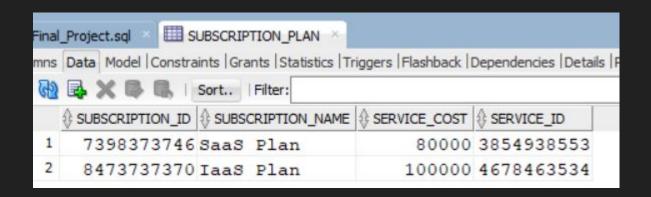
- Customers
- Cloud Services
- Subscription Plan
- Infrastructure Type
- Usage Tracking

ER Diagram



Database in SQL

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		CUSTOMER_ID	COMPANY_NAME	⊕ EMAIL	∜ CITY		∯ ZIP	PAYMENT_METHOD	
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2 4895749444 Coca-Cola drinkcoke@cola.com Atlanta 121 Baker St NW, Atlanta 30313 Check	2	4895749444	Coca-Cola	drinkcoke@cola.com	Atlanta	121 Baker St NW, Atlanta	30313	Check	



Database Uses

