UNIVERSIDAD TECNOLÓGICA
TAMAULIPAS NORTE

MOBILE DEVELOPMENT

Evidence 2

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FINAL EVIDENCE TO ELABORATE:

The student will design, develop, and document an application, using a repository for source code.

Based on the use case, the agile methodology, software architecture, design pattern, and framework used during the unit, elaborate a document that contains the following information.

1. Third-party APIs.
2. Cloud services.
3. Repository link.

Points	Criteria
8	The document contains one requirement. On-time delivered.
9	The document contains two requirements. On-time delivered.
10	The document contains all three requirements. On-time delivered.

Note. Late turn-in will decrease the evaluation of the student.

Third-party APIs

Hasura

Hasura is an open-source platform that allows developers to build and deploy GraphQL APIs quickly and easily. GraphQL is a query language that allows for efficient and flexible communication between client-side applications and server-side data sources.

Hasura is designed to be highly scalable and can handle high levels of traffic and large volumes of data. It is used by many companies and organizations to build and deploy GraphQL APIs, including IBM, Badoo, and Upwork.

Hasura provides a range of features that simplify the process of building GraphQL APIs. These include:

1. Real-time GraphQL subscriptions: Hasura allows developers to easily implement real-time functionality in their APIs, so that client-side applications can receive updates as soon as data changes on the server.
2. Instant GraphQL APIs: Hasura can automatically generate a GraphQL API from an existing database schema, reducing the amount of manual coding required to set up an API.
3. Access control: Hasura provides fine-grained access control features, allowing developers to restrict access to data based on user roles and permissions.
4. Remote schemas: Hasura can integrate with external APIs and services by stitching together multiple GraphQL schemas into a single endpoint.

Cloud Services

AWS

Amazon Web Services (AWS) is a cloud computing platform provided by Amazon. It offers a wide range of services including computing, storage, database, analytics, machine learning, internet of things (IoT), security, and more. AWS provides

infrastructure as a service (IaaS), platform as a service (PaaS), and software as a service (SaaS) offering. This means that users can choose from a variety of services depending on their specific needs, and only pay for the resources they use.
Some of the key benefits of using AWS include:

1. Scalability: AWS allows users to easily scale up or down their resources based on their changing needs, without having to worry about infrastructure management.
2. Cost-effective: AWS offers a pay-as-you-go pricing model, meaning users only pay for the resources they use.
3. Flexibility: AWS offers a wide range of services, giving users the flexibility to choose the services that best meet their needs.
4. Security: AWS provides a range of security features to help protect user data, including encryption, identity and access management, and network security.

Repository Link

https://github.com/Koedesu/realtime-poll