Homework 1 Mobile architecture

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1 Mobile Application Development Process

The process of creating and launching mobile applications is typically understood through a series of steps or phases. The phases of the mobile application development process are:

- Planning

- Design

- Implementation

- Testing

- Launch

2 Technical Architecture

Technical architecture is usually conceived in three layers:

- Presentation Layer: The layer in which the client sees and interacts. It includes the user interface and application elements.

- Business Layer: This is where the logic governing workflows, data exchange, and operations resides. Fundamental aspects of the application are managed in this layer.

- Data Layer: Provides data utilities, data access components, and service helpers or agents. It is the layer that validates and maintains data and supports data transactions.

3 Technology Stack

The technology stack, or tech stack, consists of three mentioned components:

- Front-end: The visual part of the application, everything the user interacts with.

- Back-end: The logical part of the application, everything that operates behind the visual elements.

- API: This is what allows the application to integrate and interact with other applications and services.

Source: https://azure.microsoft.com/en-us/resources/cloud-computing-dictionary/what-is-mobile-app-development