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Mindsets between application developer vs framework developer

<u>**As a Framework developer**</u>

Software framework is a concrete or conceptual platform where common code with generic functionality can be selectively specialized or overridden by the developer or users. Frameworks take the form of libraries, where a well-defined application program interface (API) is reusable anywhere within the software under development.

During development I got an experience of what's the framework is and how we actually build and how it works. Here are some features I have experienced during development.

- Framework separates business logic from user interface making the code cleaner and extensible.
- Acts as the skeletal support to build an application.
- Using framework we can reuse code that has been pre-built and pre-tested.
- Increase the reliability of the new application and reduce the programming and testing effort, and time to market.
- Framework can help establish better programming practices and appropriate use of design patterns and new programming tools to solve/handle the problems.
- Framework is easy to use but creating a framework is difficult and time-consuming and over time it can become increasingly complex.

<u>**Application developer:**</u>

An application developer is a person concerned with the facets of the software development process who writes computer programs to meet specific requirements. They are responsible for research, design, implementation, and testing.

During application development I got an experience of how we can build application based on framework. Here are some lists that I have learned so far during application development.

- Fast and easy development: It can be easy and fast to build application using framework
- Only application specific logic needs to be provided by developer
- We have to meet the exact needs of the user.

- Using framework results in better allocation of developers based on their expertise, reduction in errors, and a lower cost of development.