

**UJIAN AKHIR SEMESTER**  
**MATA KULIAH : KEAMANAN INFORMASI**  
**RESUME *SOFTWARE DEVELOPMENT SECURITY***



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## Resume Software Development Security

The concept of security development and application development is making good machine language of the base language a programming language to the latest programming languages in accordance with the structure of the programming language used, so it is easy to understand that ultimately executed by a machine or a computer or hardware in question. Compilation or a combination of a lot of the programming language used, the thickness to influential security system that will be built later

As for the methods that must be determined first before going to build a security system on an application / software. One of the simplest examples in building an application is using waterfall. Which is where the flow / steps of construction materials as well as the Preparation is the intended user, the system according to user needs analysis course, development, application, run it, accompanied by improvements bugs or system errors, the latter perform data backup system in order to maintain the initial provision built, until the system was developed and continues to be developed according to user needs.

The orientation of the building security system never escape the surveillance gradually or continuously from a developer (builder). The point of knowing the extent to which the system is run, how big the holes are contained within a system, and what security methods need to be added in the future.

One of the construction of the security system of the most common user is logged on where the user is asked to enter a user name and password (password) from the user before they can access the modules in the system. But sometimes the user login page is still very vulnerable / easily broken by the user, one way is by using backdoors where the user does not need to enter a user name or key words to get into the system. Thus the need to verify the addition of the upper common keywords of "Captcha", where the captcha very difficult to be bypassed by the method of "backdoors".

Next is databases, which serves as a data storage medium that has been entered by the user "of the" system "to" system. Media storage applications are critical for system builders to make their data security is maintained. In addition to the storage structure, interconnectedness between tables storage, storage media also this is just the builder / admin is allowed to know. Because all the data is entered and displayed in the system contained in the storage media (databases). One of the storage media is easy to learn SQL (Structured Query Language), which is able to accommodate so many billion, even tiliunan data. However SQL also has a weakness that can be penetrated by the method of SQL Injection, in which the function of SQL Injection is not much different from the method Backdoors.

Because no system is secure if still connected to the Internet network. But we can play / secured by distinguishing between Server Source Code Server to Server Databases program that should be made individually.