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Design Validation System and Legalized Document Using E-Certificate Application

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Abstract

A system which build with using application can cover disadvantage on current system. Validation system and document legalized available today still has some disadvantage. With a system that utilizes E-Certificate application can cover and fix the system that is currently running. The design of the proposed system uses a digital signature algorithm RSA-2048 as the authentication mechanism. Furthermore, the validation and legalization system for e-certificate document has some advantages compared with current systems. System validation and legalized document using E-Certificate can ensure the authentication, data authenticity yet still efficient time (faster processing).

Keywords: certificate; validation, legalize; e-certificate