ABSTRACT

RIKA OKTAVIA (2019081027)

DESIGNING THE FRONT END OF THE PING E-MONITORING WEBSITE AT THE MINISTRY OF PUBLIC WORKS AND PUBLIC HOUSING

The Ministry of Public Works and Public Housing has over 700 applications and websites covering all the organizations in it. These applications and websites are checked one by one to find out the status of their applicability. However, not all of the more than 700 applications are active / in the routine use period after checking the status of activity through the website link and the expiration period of the certificate. Due to the discovery of this problem, the Data and Information Technology Center (Pusdatin), which is one of the divisions of the Secretariat General, decided to ping these applications. A website was created that can monitor all applications and websites used at the Ministry of Public Works and Public Housing. In the process, practice as a front end developer starts from the introduction of all applications and websites of the Ministry of Public Works and Public Housing, conducting meetings, starting from system planning analysis, determining design, consulting design results, implementing design results, synchronizing with the back end to submitting e-monitoring ping websites. These steps use the SDLC (Software Development Life Cycle) stage of the waterfall method.

Keywords*: Application, Website, PUPR Data Center and Information Technology*