

**PENGEMBANGAN SISTEM INFORMASI WEBSITE SMK NASIONAL
NGANJUK MENGGUNAKAN METODE *FEATURE-DRIVEN
DEVELOPMENT (FDD)*
(DEVELOPMENT OF SMK NASIONAL NGANJUK WEBSITE
INFORMATION SYSTEM USING FEATURE-DRIVEN DEVELOPMENT
(FDD) METHOD)**

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ABSTRACT

SMK Nasional Nganjuk is a private vocational high school that experiences problems with its school information system. The existing website does not function optimally (blank white screen), so important information regarding school profiles and data management cannot be accessed by the community and school administrators. This study aims to develop a website-based information system capable of presenting complete school information, being easily accessible, and having structured data management using the Feature-Driven Development (FDD) method. The FDD method is applied through five stages: Develop an Overall Model, Build a Feature List, Plan by Feature, Design by Feature, and Build by Feature. The system was built using the Laravel Framework and Bootstrap. Testing was conducted using Blackbox Testing and the System Usability Scale (SUS) involving 121 respondents (administrators, teachers, students, and the community). The Blackbox testing results showed that 100% of the functions worked as required. The SUS score reached 79.194, which falls into the acceptable category with a grade C and a good predicate. In conclusion, the information system is well accepted by users.

Keywords: *School Information System, Website, Feature-Driven Development (FDD), Laravel, System Usability Scale (SUS).*