

ABSTRACT

***Front end Design of a Website-Based Drug-Free-Village Information System in Banyumas Regency Using the ReactJS Framework with Agile Methods.
(CASE STUDY: BNN, BANYUMAS DISTRICT)***

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This research designs and develops a website-based Drug Free Village information system in Banyumas Regency, Indonesia, using the Agile method and the ReactJS library. The front end design process involved ReactJS and TailwindCSS with a mobile-first design approach. The project consisted of three iterations, starting from initial design to focusing on revisions based on client feedback. The system passes black box testing evaluations with consistent “pass” results, indicating that performance and performance meet established standards. The average System Usability Scale (SUS) questionnaire score was 74.16, categorizing the system as GOOD with grade C. The UMUX-Lite score reached 78.70, indicating a high level of satisfaction with the GOOD category and grade C. The conclusion of this research states that the Village information system Drug freedom in Banyumas Regency is considered good, acceptable, and meets the needs of the BNN program.

Keywords: Drugs, BNN, Agile Methods, ReactJS, Front end Website