

## ABSTRACT

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*West Bekasi District in managing asset data has been computerized using the SIMDA BMD application. This application is used to assist sub-districts in managing asset data without using Microsoft Excel, takes a long time, and requires quite a lot of physical form files to manage assets. The purpose of this research is to create an application that can help all sub-districts in the city of Bekasi in managing assets. Application creation is carried out with a report generation feature that will automatically be connected when procuring goods and assets, digitally validated reports by the Camat using a barcode, and there is also a notification feature for the Camat when receiving a report for approval. This application is built using the waterfall model SDLC. The system design in this application uses the Business Process Model Notation (BPMN), Unified Modeling Language (UML) and Entity Relationship Diagram (ERD) and uses the Prototype method with the development of Software Development Life Cycle (SDLC) Waterfall model. Implementation using PHP programming language and MySQL database*

*Keywords: Assets, Sub-District, Application*