ABSTRACT

ASSET LENDING SYSTEMS AT DARMAJAYA MANAGEMENT AND LOGISTICS BUREAU WITH BUBBLE SORT ALGORITHM

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An efficient asset lending process is essential to ensure asset utilization optimally, avoiding overlapping uses, and minimizing risks of damage or loss of assets. Asset lending is an important component in MAL operations, thus facilitating the utilization of these assets by various departments and staff in this institution. The Bubble Sort algorithm is one of the algorithms a simple but effective sorter that can be used to prioritize lists of asset lending. The results of the analysis become the basis for preparing the assets and space needed by the applicant. Once the preparations are complete, the asset officer ensures to the student that the goods and rooms are ready for use according to the agreed schedule.

Keywords: Loans, Assets, Bubble Sort, IIB Darmajaya.