MONALISA SILVIA MARETTA. Designing Information System for Web-based of Bibliographic Control at National Library of Indonesia. Under direction of AZIZ KUSTIYO and SULISTYO BASUKI.

The responsibility of a national library is to collect, maintain, preserve the nation’s literature, in order to maintain a national bibliography and operates bibliography information centre. National library of Indonesia is currently using three different application system to process the deposited material of bibliographic data. Those application are not integrated, then it could be redundant data and can not be accessed easily by the users. As a consequence, an accurate data may not be obtained. Anticipating this condition, we need a new system to improve the old one. This research was conducted to design a information system that manage the bibliographic data of deposit material at the SubDirektorat Deposit, National Library of Indonesia. The system to be designed is the System Development Lifecycle (SDLC). The SDLC has six steps, but only the first four steps were used in this design. Those are: feasibility study, system investigation, system analysis, and system design. This research generated four tables which were connected each other and one table of the user. The output of this system is its abilities interfaces in order to fulfill the needs of information.

Keywords: Bibliographic control, legal deposit, information system, design system, database, SDLC.