ABSTRACT

The design of an integrate database system is a challenging task. It comprises database design for individual departments, each of which should have minimum redundancy. Integration of these separately designed database needs both technical and managerial skills.

On the technical side, it must be ensured that naming conversions are correct and conceptual schemas design are correct. A mapping from a conceptual schema model is needed. From experience gained at the NRCT information system project, a software tool for these integration and mapping tasks are proposed and developed. This thesis describes the design and development of the software tool and the integration of the actual systems at NRCT.