This systems analysis and design project covers a "Private Banking Group" business of a foreign bank in Thailand. This group was established in early 1987.

The Private Banking Group (PBG)'s objective is to provide personal wealth management services to wealthy investors. In practice, PBG does not have its own computer database system because there is no sufficient budget. As a result, PBG must share the computer systems (Mini-mainframe) with Institutional Banking Group (IB) and pay monthly expenses of the cost allocation of the computer mainframe. However, PBG uses the computer systems to support operations work such as providing basic credit information of PBG clients, credit lines of the customers, customer base record, customer account and overdraft computation.

For the purpose of the project, it is to review, analyze and design the Asset and Liability System for PBG. At present, PBG's staff must compute the assets and liabilities by manual. The data of assets and liabilities must be gathered from hard copies generated from the mainframe computer systems and then input into the micro-computer for final computation. This causes delays and errors of operations, therefore a new system to support the analysis of asset and liability positions are proposed to solve the current problems.
It is hoped that the proposed system will help expand the PBG business and to improve the efficiency of the PBG operations in the near future.