

## STRUCTURED ANALYSIS AND DESIGN TECHNIQUE

**2. Design Methodology:** The developments life cycle has effective used powerful software engineering management and development plans. System design methodology input/process/output charts have been used for top-down hierarchy charts. Structured design techniques and pseudo code have been used for system design. Implementations and test phases to ensure adherence to specifications and completeness of the system. Rigorous configuration control has been employed during the software enhancement and the maintenance phase. The current production versions are archived and backed up. Then, the software enhancements are produced and tested independent of the existing operational system. The updated version implemented after thorough parallel testing and approval. Documentation for the system has also been maintained under the configuration management. The changes are tightly controlled to ensure the impact in all areas. The technical approach followed the parallel chain of each of the approaches through the business planning, requirement analysis, general design, database design and detailed design.