

## ABSTRACT

The work presented in this system development project consists of System Analysis and System Design activities of BIS Pipe Fitting Industry Co.,Ltd. Production Planning System. This is the computerized Production Planning System to replace currently used manual system. The System Analysis Phase includes several tasks such as Problem Definition, Study Plan, Data Collection, Studying of Documentation and Understanding of the Existing System. The System Design Phase covers the new system requirements, detailed design of a new system and economic cost comparison. The Existing System operates inefficiently due to the lack of supporting resources especially personnel to handle the response through the work flow. This System Development Project is intended to provide a better solution to the manual system by applying a Computerized System to produce the nice production planning.