Computerization of HTI
Registration and Administration System

by

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Summary

The project team worked during the year in order to develop a New Computerized Registration and Administration System which will meet the needs of the Higher Technical Institute. HTI is a live organization which change and updates its rules and regulations continually. This makes the development of such a system more difficult. As far as the registration procedures are concerned we have tried to incorporate as much flexibility as possible into all the system so as to prolong the life of the system and to decrease maintenance.

Presently part of the system has been completed and installed at one of the four different departments. It will operate as a single user system and the data of each department will be centralized at the registry office using a centralization facility provided by the system. Due to the high risks of the data involved and in order to give a chance to the new system to prove itself, the system will have to operate in parallel with the existing manual system for about a period of one Academic year.

The development history and all related information is described in this report. The Systems Development Life Cycle methodology taught at HTI has been followed in presenting this report.

A separate User Manual has been developed in a separate binding, to assist the users while operating the system.

Finally in a separate documentation, the source listings of the system are provided. Authorised persons will be able to refer to this coding in order to make any changes needed. The only source listings that have not been made public are the modules that are involved with the password encryption.

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