

# HIGHER TECHNICAL INSTITUTE

## COURSE IN COMPUTER STUDIES

### DIPLOMA PROJECT

## COMPUTERISED INFORMATION SYSTEM FOR A LIFE INSURANCE COMPANY

CS/187

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## PREFACE

### System Development Life Cycle

The overall framework, or structure, of a systems development project is known as the **System Development Life Cycle**. The SDLC structure has five phases:

- **Investigation Phase**
- **Analysis and General Design Phase**
- **Detailed Design and Implementation Phase**
- **Install Phase**
- **Review Phase**

The above structure provides the basis for controlling the project, ensuring that the system is developed with the needed functions, within budget, on scale, and up to quality expectations.

For the development of this project, the above mentioned methodology of System Development Life Cycle was followed, as the basic tool for organising the jobs to be done.

The activities that make up each of the phases in the systems development life cycle are the followings:

#### **INVESTIGATION PHASE**

1. Initial Investigation
2. Feasibility study

#### **ANALYSIS AND GENERAL DESIGN PHASE**

1. Existing system review
2. New system requirements
3. New system design
4. Implementation and Installation Planning

## **DETAILED DESIGN AND IMPLEMENTATION PHASE**

1. Technical Design
2. Test specification and Planning
3. Programming and Testing
4. User Training
5. System test

## **INSTALLATION PHASE**

1. File conversion
2. System Installation

## **REVIEW PHASE**

1. Development Recap
2. Post Implementation review

This methodology is best described in more details in the **Appendix J**.

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