

BINA NUSANTARA UNIVERSITY

**Computer Science Major
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**Analysis, Design, and Development of Database Application for Executive
Development Program Using Object Oriented Approach - Server Side**

Sandra Aryani 0700675841

Class: 08 THE - GROUP

Abstract

Most of the organizations nowadays have their own data in which are generated by its daily operational works. Those data should be organized and stored in a way that will be processed to be useful information. That is done so that if someday in the future when it is needed, then it will be easy to be tracked and easily retrieved. As time goes by, the number of participant in Bina Nusantara Executive Development Program keeps growing higher. According to the data that have been manually stored, the growth is about a hundred participants per year. The aim of this thesis is to ease the communication flow among divisions and to create a centralized database application in order for them to have consistent and synchronized information. Fact finding technique of interview is used in the requirements gathering phase with PIECES framework to identify the problems. Database conceptual, logical, and physical design, in conjunction with the implementation were developed to support the daily operational works. Having a database application onboard, the reliable and high availability information can be ensured to support Bina Nusantara Executive Development Program's staff daily operational tasks in order to provide maximum service to its customers.

Keywords : Database System, Application, Executive Development Program

PREFACE

Dear partner, supervisor, family, friends, lecturers, and everybody who have helped during this thesis period, many thanks.

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