

Student Performance Monitor

Muhammad fahimul huq ■ Shoban Bhowmik

Airin Sikder Onamika ■ Kazi Tokir Ahmed Shawon

Zinan Sharrad Arsha

CSE303

Database Management System

REPORT 2

Group 02

Muhammad fahimul huq	1610044
Shoban Bhowmik	1930533
Airin Sikder Onamika	1822098
Kazi Tokir Ahmed Shawon	1821890
Zinan Sharrad Arsha	1720231

Contents

CHAPTER 1: INTRODUCTION	1
BACKGROUND OF THE PROJECT	2
OBJECTIVE OF THE PROJECT	2
SCOPE OF THE PROJECT	3
CHAPTER 2: REQUIREMENT ANALYSIS	4
RICH PICTURE (AS-IS)	5
SIX ELEMENTS (AS-IS)	6
PROCESS DIAGRAM (AS-IS)	17
PROBLEM ANALYSIS	21
RICH PICTURE (TO-BE)	23
SIX ELEMENTS (TO-BE)	24
PROCESS DIAGRAM (TO-BE)	32
CHAPTER 3: LOGICAL SYSTEM DESIGN	36
BUSINESS RULE	37
ENTITY RELATIONSHIP DIAGRAM	38
ENTITY RELATIONSHIP DIAGRAM TO RELATIONAL SCHEMA	39
NORMALIZATION	40
DATA DICTIONARY	43