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## Islamic Development Bank-Bangladesh Islamic Solidarity and Educational Wakf

## (IsDB-BISEW)

# **IT Scholarship Programme**

**A Case Study On**

**Project Name: University Management system**

## Submitted To:

Syed Zahidul Hassan   
Consultant

IDB-BISEW IT Scholarship

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Technical Trainer (.Net)

IDB-BISEW IT Scholarship

**Submitted By:**

|  |  |  |
| --- | --- | --- |
| NAME OF STUDENT | : | MD.JAKIR HOSSAIN |
| TRAINEE ID | : | 1272585 |
| BATEH | : | WADA/USSL-M/54/01 |

**Date of Submission: January 23, 2023**

**Purpose :**  
A University Management System Project that includes a number of Teacher, Student, Semester, Subject. The purpose of this case study is to design and develop a database for the University to maintain the records of various Student and Teacher in the University.

**List of Tables :**  
  
1.      Teacher  
  
2.      Student  
  
3.      Semester  
  
4.      Subject  
  
5.      StudentData  
  
  
**Main Feature :**  
  
This is a project that I have added queries of different types including  
  
 -Joining with Where Clause  
  
- Joining with Group By & Having Clause  
  
- Joining with Order By  
  
-Subquery  
  
-CASE Function  
  
- CTE  
  
-Store Procedure  
  
- Roll Up  
  
-Rank  
  
- Create Index  
  
-Marge Table  
  
-Create Function  
  
-Create Trigger  
  
   
  
**Objective :**  
  
   
  
Understand the system functionality and describe the main functions of the **UniversityDB** system.  
  
· To computerize all details regarding Student and University details.  
  
· The Information of the Students should be kept up to date there record should be kept.  
  
· To define and analyze the applicable tools to verify, validate and test the UMS system.

· To identify the software management activities and tools that are applicable to the UMS system.  
  
   
  
**Summary :**  
  
This project which I have joined all the tables to find out the information of the individual Student. Maintained Teachers and Students Information in Store Procedure and Trigger.  
  
 Also count the Student total.