# **Chapter 1: Introduction**

## **Project Introduction**

The Project, **Mark Sheet Generator**  is design for simplification in mark sheet creation. In this project, the system will be designed that can easily provide examination reports. Students grades, score, percentages and so on will be in the records. This system will increase the efficiency and availability of report cards.

## **Justification of the Project**

**Mark Sheet Generator** is the desktop application. This software is especially can be implemented in the educational institute.

### **Background of Project**

In any educational institute, there is provision to take examination to check the ability of the students. After taking examination, there is always a challenge to prepare the examination report. There are several issues, which we can here from the students that results are most of the time published lately. One of the prime reasons for the delay of the result is that there is lack of system, which can give results of the students in no time.  
**Mark Sheet Generator** is mainly designed by focusing on such problem.

### **Problem Statement**

The major issues in most of the educational institute after taking examinations is to prepare the reports. Its time consuming and not so efficient by going through each student marks obtained in all of the subjects and calculating the percentage, divisions, grades, etc.   
In Mark Sheet Generator, we need to make such system, which can sort out with such (time taking) problems. Mark Sheet Generator will be the system to optimize the time taken in result making. Not only that, data of each students will be recorded so that if results are mishandled or misplaced, there will be no problem to reprint the mark sheets.

## **Description of the Project**

Mark Sheet Generator is the project for desktop use. For this C# programming language will be use. As, it is easy and useful for desktop applications. Likewise, MSSQL server will be use as database storage.   
  
Mark Sheet Generator will be the system with various convenient features. Those features are listed in the following section.

### **Features**

The main features that specializes this **Mark Sheet Generator** is:

* **Import and export the students records in excel sheet:**   
  Students database will be import from excel sheet and be export in excel sheet for backup purposes.
* **Could be saved in PDF file formatting:**

Mark Sheets created will be save in pdf formats for easy access.

* **Easily printable:**   
  Mark Sheets created will be print in hard copy with local or networked printers available.
* **Mark Ledger view:**   
  User will be able to view the marks in ledger format. This can help to see all the marks of students in specific subjects in one place.
* **User level access:**  
  There will be admin privilege, which will be given access to authorized people. In addition, there will be normal user login, which will be for staff who will be dealing with examinations and results of the institution.
* **Easy Create/Update Student profiles:**Student profiles can easily be maintained. Any changes that are needed to be make are possible.
* **Picture uploads:**Students profile will be maintained where students’ pictures will be able to upload able.
* **Mark Sheet for different types of examination can be prepare:**  
  These days there is practice of taking several examinations. User will be able to entry types of examination title.

### **Overview of the Project**

### **Mark Sheet Generator** will be the system that will increase the performance of educational institute in result making. This will certainly increase the efficiency and will put positive impact of institution. This system with its silent features will make easier in use to user.