

Marksheet Management System

Developed in VB.NET, this Marksheet Management System is a software application that can automatically generate marks of the students in the form of [grades](#). It is more like a "Student Grade Sheet Management System Project" where no manual calculations and operations are required. The project aims helping an educational institution by generating and handling grades of every student for each subject cum semester.

You can access the complete source code, database, forms and other necessary project files of Marksheet Management System from the download links in this post. Here, I've briefly introduced the project with its modules, features and the working mechanism of this system.

About Marksheet Management System:

Existing System:

Looking at the existing mark sheet management system, it is found that many educational institutions, mainly engineering colleges, have incorporated "Grading System" in their educational stream. But, the problem here is that they are still using manual methods for calculating grades and entering in them in the marksheet. This is a very time consuming and uneconomical process.

Proposed System:

In this proposed Marksheet Management System in VB.NET, automatic grade generation can be done. Basic information of the student such as courses taken, subjects, semester, etc. need to be provided, and then the grades are calculated automatically and the final result is shown.

Features:

Two main features of this project are: entering marks in mark sheet and printing marks. Both these functions are done automatically by this software application. Some other features of the project are save, cancel and exit from the application.

The marksheet entry form includes "student details" and "grade points obtained" by the student. Students' name, registration number, examination year, exam roll no., semester, courses and exam type are to be provided in student details. All these information are saved in the system.

Here's how the "grade points obtained" works. After providing the student details, respective subjects' exams taken by the student along with the subject code and credit hours are loaded to grade points drop boxes. Then, grades can be calculated and GPA can be computed; the latter is displayed on GPA text box, and the final mark sheet result of the student is shown on the text box.

The student details including subject, programs, etc. can be modified by editing the database table. To log in to the application, admins and guests can find their passwords in the database login file. This file along with the database table are available in the download file.

Screenshots:

The screenshot shows the '3BDGradeSheet Application's Main Window' with a menu bar containing 'File'. The main window title is 'Record of Regular Exam Type'. A message states: 'The fields marked with * are compulsory'.

Student's Detail

* Examination Year	2000 A.D	* Student's Name	
* Programme	B.C.A	Registration No.	
* Semester	5th	* Exam Roll No.	
* Exam Type	Second Unit Test		

Grade Points Obtained

Subjects	Subject Code	Credit Hour	Grade Earned	Total GPA	Result
Computer Architecture	CMP 333.3	3	A	4.00	Passed
Networks and Data Communication	CMP 327.3	3	None		
Web Technology I	CMP 331.3	3	None		
Java Programming	CMP 311.3	3	None		
Management Information System	CMP 227.3	3	None		

Buttons: Compute GPA, Save, Cancel



The image shows a 'Print Options' dialog box with a blue title bar and a red close button. The main area is grey and contains a green message: 'All fields are required'. Below this is a white-bordered box containing five dropdown menus: 'Examination year' (None), 'Exam Type' (None), 'Program' (None), 'Semester' (None), and 'Exam Rollno' (empty). At the bottom are 'Preview' and 'Cancel' buttons.

Field	Value
Examination year	None
Exam Type	None
Program	None
Semester	None
Exam Rollno	

After Mark sheet Management System application is launched, a form with file menu option is displayed on the screen. The various options available for entering grades, calculating grades, printing mark sheet and exiting can be easily located from there to perform the required function.