MAHARASHTRA STATE BOARD OF TECHNICAL EDUCATION, MUMBAI

M.B.E. SOCIETIE'S
T.B. GIRWALKAR POLYTECHNIC COLLEGE, AMBAJOGAI

REPORT ON

STUDENT FEE MANAGEMENT SYSTEM

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2022-23

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CERTIFICATE

This is certify that students of DIPLOMA IN COMPUTER ENGG. Has submitted project report on **"STUDENT FEE MANGEMENT SYSTEM".** for full-filament for the award

of the course in COMPUTER ENGG. This volume has

submitted a satisfactory report about the subject in the academic year 2022-2023.

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Acknowledgement

We offer our sincere and hearty thanks with a deep sense of gratitude to or Guide Lect. G.Kadam sir and Head of Department Prof. Renuka Mam for valuable direction and guidance to our seminar "STUDENT FEE MANAGEMENT SYSTEM" their meticulous attention towards to our project work without taking care of their voluminous work.

We are thankful to our principal Prof. M. B. SHETTI for his encouragement towards our paper. Last but not least we thankful to our friends and well-wishers, to whom we are indebted for their constant help, encouragement and without whom this paper would not have been a success.

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<u>ABSTRACT</u>

The purpose of Student Fees Payment System is to automate the existing manual system by the help of computerized equipment's and full-fledged computer software, fulfilling their requirements, so that their valuable data/information can be stored for a longer period with easy accessing and manipulation of the same. The required software and hardware are easily available and easy to work with.

Student Fees Payment System, as described above, can lead to error free, secure, reliable and fast management system. It can assist the user to concentrate on their other activities rather to concentrate on the record keeping. Thus it will help organization in better utilization of resources. The organization can maintain computerized records without redundant entries. That means that one need not be distracted by information that is not relevant, while being able to reach the information.

The aim is to automate its existing manual system by the help of computerized equipment's and full-fledged computer software, fulfilling their requirements, so that their valuable data/information can be stored for a longer period with easy accessing and manipulation of the same. Basically the project describes how to manage for good performance and better services for the clients.

INTRODUCTION

Fee and bill payment is one of the most crucial tasks in any organization. In school and colleges, it starts with admissions and ends with graduation or course completion. If your institute also provides hostel facility, transport facility, and other services as well, then managing fee and bill payment can take you to a higher level of stress.

Fee collection and management are crucial tasks for all educational institutions. In the earlier days, school office staff used to collect the fees manually from the students and parents, providing printed receipts to each of the students after fee collection. It was tedious and hectic work for the administrators to collect and manage fees. But in today's world, educational institutions started implementing cloud and mobile-based school management software that made the process, smoother and much easier.

What more is fee and bill payment system require 100% error-free result, you are not allowed to make even a tiny mistake as that can change the complete balance sheet and can ruin the reputation of your school or college.

Student Fees Management System is capable of managing each and every data regarding student, payments etc. Student Management System helps us in managing in an extremely efficient way. This Student Fees Management System works in an efficient manner. We have two modules in this project. One is admin and other is user. Admin can maintain the fee details of students and can generate the reports can export the details to excel. User module can edit their personal details and can view the fee details.

Whenever the student will register his/her name then the student will be given by one individual username and password. When the student will type the correct username and password then the will enter into another page. In that page student can select two options that are update details and view details.

SCOPE

It may help collecting perfect management in details. In a very short time, the collection will be obvious, simple and sensible. It will help a person to know the management of passed year perfectly and vividly. It also helps in current all works relative to Student Fees Payment System. It will be also reduced the cost of collecting the management & collection procedure will go on smoothly.

Our project aims at Business process automation, i.e. we have tried to computerize various processes of Student Fees Payment System.

o In computer system the person has to fill the various forms & number of copies ofthe forms can be easily generated at a time.

o In computer system, it is not necessary to create the manifest but we can directlyprint it, which saves our time.

o To assist the staff in capturing the effort spent on their respective working areas.

o To utilize resources in an efficient manner by increasing their productivity through automation.

o The system generates types of information that can be used for various purposes. It satisfy the user requirement

o Be easy to understand by the user and operator

o Be easy to operate

o Have a good user interface

o Be expandable

o Delivered on schedule within the budget.

FEATURES

- Product and component based

- Creating and changing issues at ease

- Query issue List to any depth

- Reporting and charting in more comprehensive way

- User Accounts to control the access and maintain security

- Simple status and Resolutions

- Multi-level priorities and severities

- Targets and Milestones for guiding the programmers

- Attachments and Additional comments for more information

- Robust database back-end

- Various level of reports available with a lot of filters criteria's

- It contain better storage capacity

- Accuracy in work

- Easy and fast retrieval of information

- Well designed reports

- Decrease the load of the person involve in existing manual system

- Access of any information individually

- Work becomes very speedy

- Easy to update information.

PROJECT REQUIREMENTS

System Requirements

Name of component	Specifications
1. Operating system	Windows 11
2. Processor	Intel5
3. RAM	8GB
4. SSD	512 GB
5. Screen	15.6 inch
6. Network	Wi-Fi [5]

Software Requirements

For thi student fee management system project we are using MS ACCESS software.

Microsoft Acess is popular information management tool that helps you store all kinds of information for reporting,analysis and refrences

Fig1.MsAccess

FUTURE SCOPE

In nutshell, it can be summarized that the future scope of the project circles around maintaining information regarding:

- We can add printer in future.

- We can give more advanced software for Student Fees management system including more facilities

- We will host the platform on online servers to makes it accessible worldwide

- Integrate multiple load balancers to distribute the loads of the system

- Create the master and salve database structure to reduce the overload of the databse query

- Implement the backup mechanism for taking backup of codebase and database on regular basis on different servers

The above mentioned points are the enhancements which can be done to increase the applicability and usage of this project. Here we can maintain the records of Student and Course. Also, as it can be seen that now-a-days the players are versatile, i.e. so there is a scope for introducing a method to maintain the Student Fees Payment System. Enhancements can be done to maintain all the Student, Course, Subject, Semester, Fees.

We have left all the options open so that if there is any other future requirement in the system by the user for the enhancement of the system then it is possible to implement them. In the last we would like to thanks all the persons involved in the development of the system directly or indirectly. We hope that the project will serve its purpose for which it is develop there by underlining success of process.
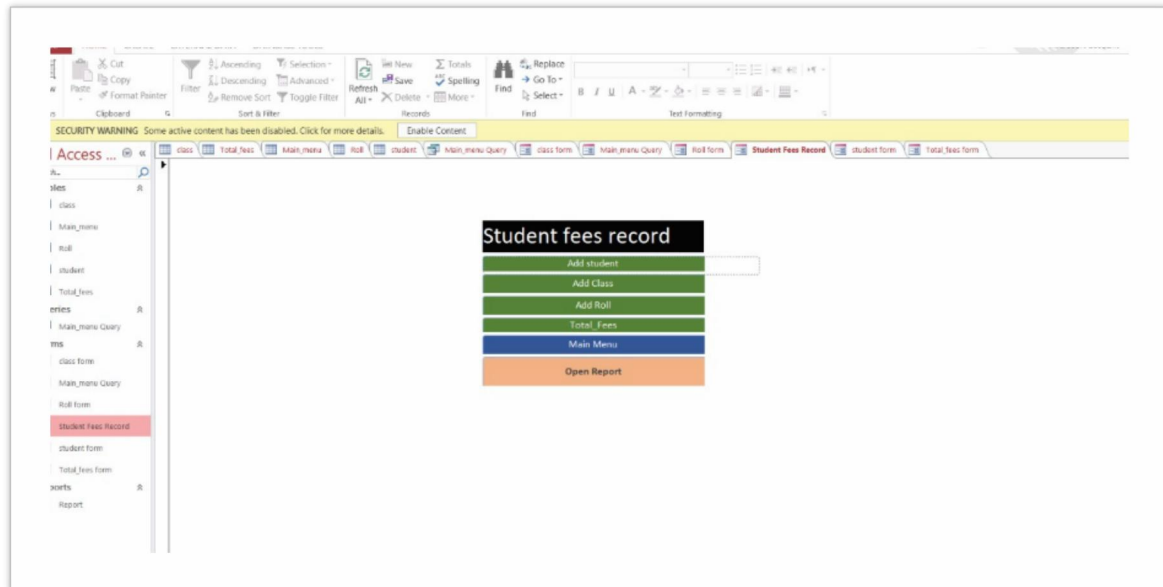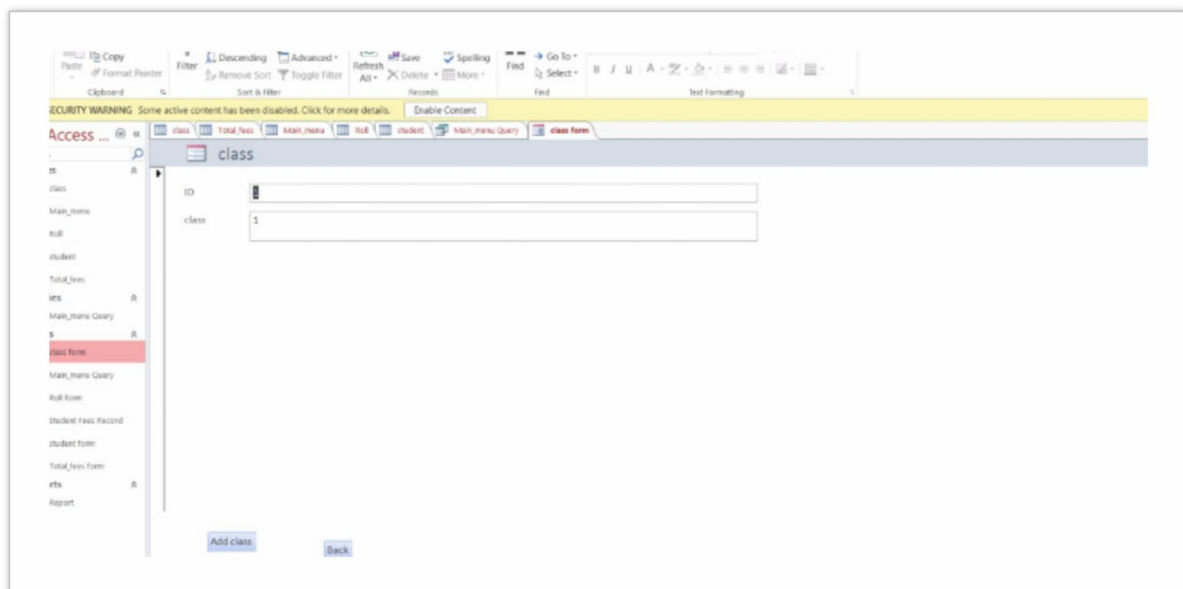
RESULTS

Fig2.Student fee records

Fig3.Class

Fig4**.**Total fees

Fig5**.**students

13

Fig6.table for student fee system

14
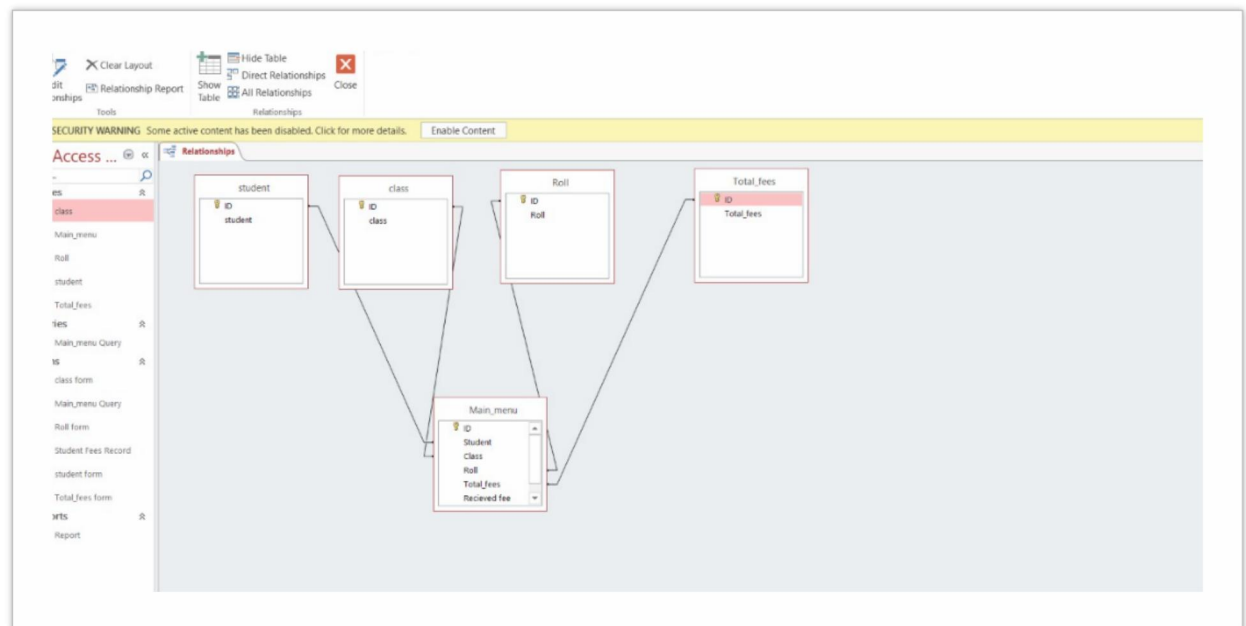
<u>CONCLUSION</u>

Our project is only a humble venture to satisfy the needs to manage their project work. Several user friendly coding have also adopted. This package shall prove to be a powerful package in satisfying all the requirements of the school. The objective of software planning is to provide a frame work that enables the manger to make reasonable estimates made within a limited time frame at the beginning of the software project and should be updated regularly as the project progresses.

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