

College of Engineering Pune

Software Engineering Mini Project Stage-II

Project Report

EDUCATIONAL INSTITUTE GOVERNANCE SYSTEM

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Future Scope

Any software, regardless matter how excellent or efficient it is, can always be improved. The most critical aspect is that it must be adaptable. Enough to allow for additional changes. The following features might be added to the project in the future:

- This software can be implemented under various situations. If apk form and universally accessible database is used can be installed in mobile phones.
- Modify it according to institute needs, so that all the needed things can be done under one domain.

Manual for maintenance and usability

1. Loginpage for user and admin.

Gives the person two choices whether to login as user or admin.
Both the admin and user are having difference functionalities.

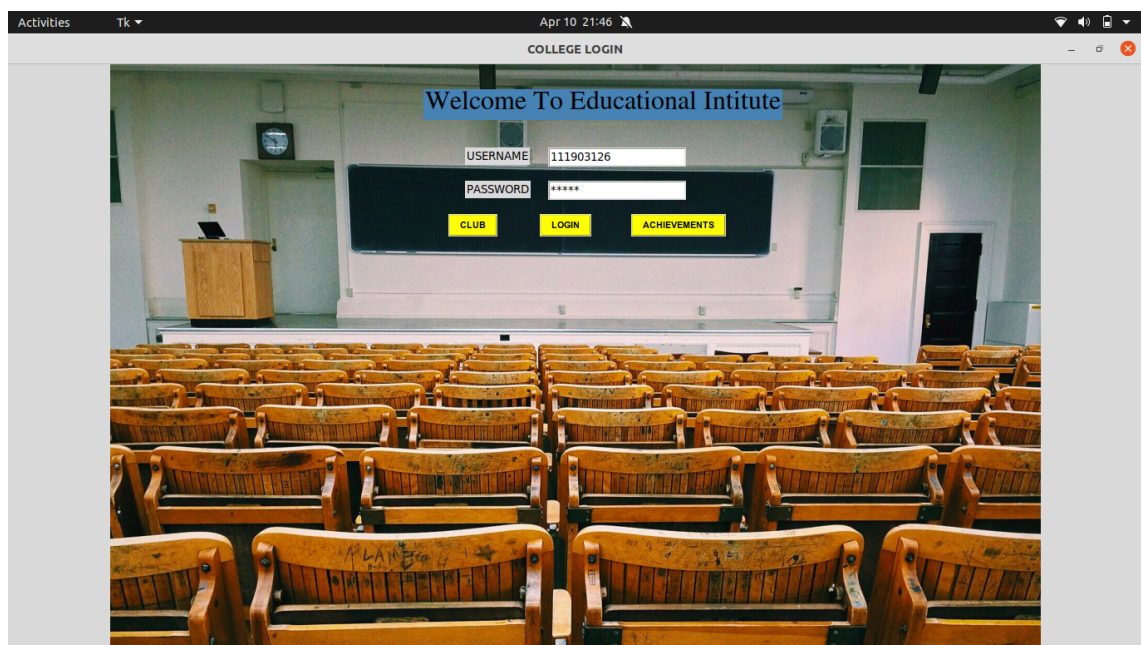


FIGURE 1.1: Loginpage

2. Admin page and functions.

Page is visible after the admin logs into it. Provides functions for displaying and others such as academics.

The screenshot shows a window titled "Admin Information" with a light orange background. The window is divided into two main sections: "ADMIN INFORMATION" on the left and "ADMIN DATABASE" on the right. The "ADMIN INFORMATION" section contains a list of labels with corresponding input fields: Name, Father Name, Mother Name, Address, Mobile Number, Email Address, Date of Birth, Gender (a dropdown menu), and ADMIN NO. The "ADMIN DATABASE" section is a large empty rectangular area, likely intended for displaying a table of data. At the bottom of the window, there is a horizontal bar containing four buttons: "SAVE", "Academics", "DISPLAY", and "EXIT". The window's title bar shows "Activities", "Tk", and the date/time "Apr 10 21:46".

FIGURE 1.2: Loginpage

3. Menu page.

This page is visible after the academics button is pressed. Provides options such as fee report, library system and marksheet filling.

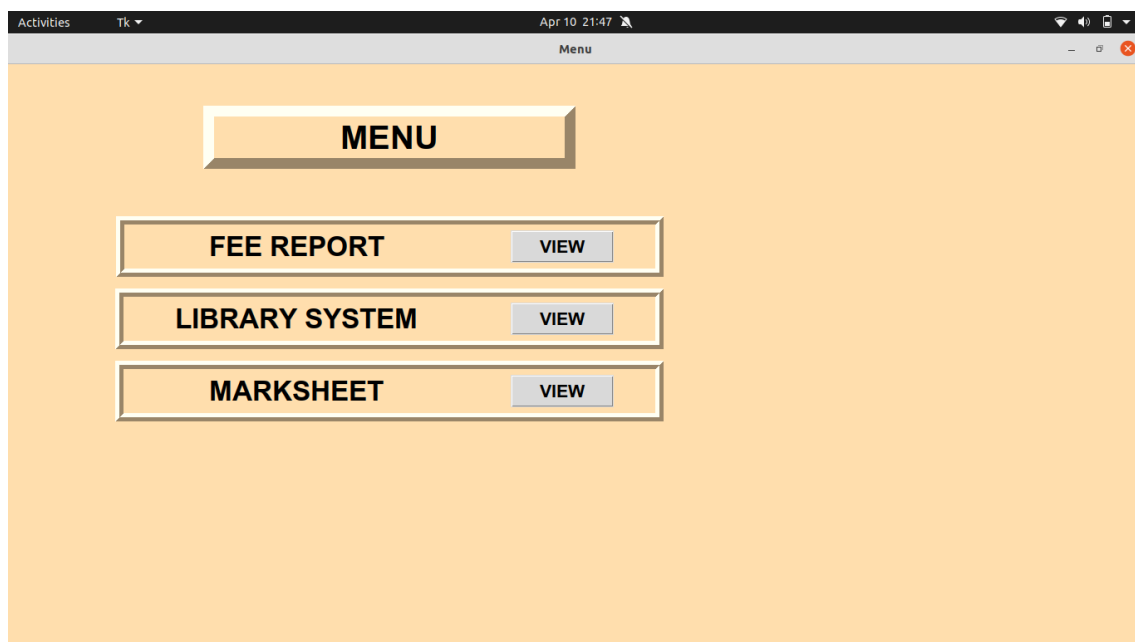


FIGURE 1.3: Menu page

4. Fee report page.

Fee report page provides functions for displaying, resetting, searching, deleting and generating the fee receipt.

The screenshot shows a web application window titled "Fee Report". The main heading is "FEE REPORT". Below this, there are two main sections: "Informations" and "Fee Receipt".

The "Informations" section contains the following fields:

- Receipt No. :
- Student Name :
- Admission No. :
- Date :
- Branch :
- Semester :

On the right side of the "Informations" section, there are three summary fields:

- TOTAL AMOUNT :
- PAID AMOUNT :
- BALANCE :

The "Fee Receipt" section is a large empty box for displaying the receipt.

At the bottom of the page, there is a row of buttons: SAVE, DISPLAY, RESET, UPDATE, SEARCH, DELETE, RECEIPT, and EXIT.

FIGURE 1.4: Fee report page

5. Library page.

This page has options for maintaining the functions which are related with the management of library.

The screenshot shows a web browser window titled "Library Management System". The interface has a header bar with the title "Library Management System". Below the header, there are two main sections: "Library Membership Info:" and "Book Details:". The "Library Membership Info:" section contains a form with fields for Member type (a dropdown menu), Reference No., First Name, Last Name, Address, Post Code, and Mobile No. The "Book Details:" section contains a form with fields for Book ID, Book Title, Author, Date Borrowed, Date Due, and Days in Loan. To the right of the "Book Details:" section, there is a list of programming languages and technologies: C, C++, Java, Python, PHP, Java Script, My SQL, Data Structure, Linux, and Operating System. At the bottom of the page, there is a row of buttons: SAVE, DISPLAY, RESET, UPDATE, DELETE, and EXIT.

Library Membership Info:		Book Details:	
Member type	<input type="text"/>	Book ID	<input type="text"/>
Reference No.	<input type="text"/>	Book Title	<input type="text"/>
First Name	<input type="text"/>	Author	<input type="text"/>
Last Name	<input type="text"/>	Date Borrowed	<input type="text"/>
Address	<input type="text"/>	Date Due	<input type="text"/>
Post Code	<input type="text"/>	Days in Loan	<input type="text"/>
Mobile No.	<input type="text"/>		

C

C++

Java

Python

PHP

Java Script

My SQL

Data Structure

Linux

Operating System

SAVE

DISPLAY

RESET

UPDATE

DELETE

EXIT

FIGURE 1.5: Library page

6. Marksheet search page.

Page provides two options searching earlier options or creating the marksheet for new user.

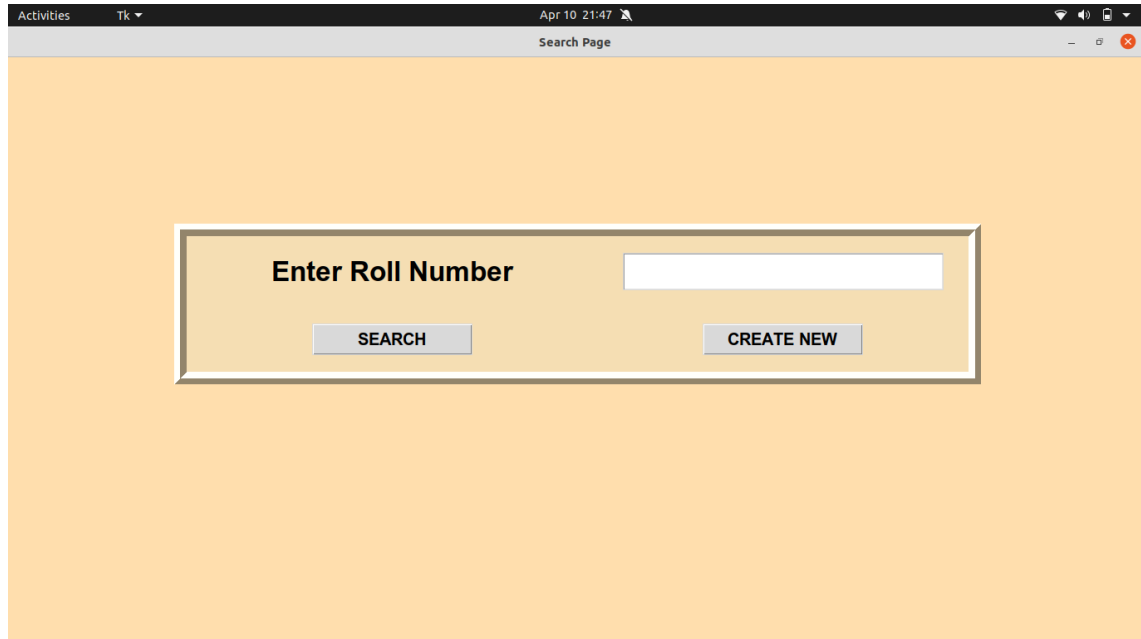


FIGURE 1.6: Marksheet search page

7. Marksheet page.

Shows the marks of student and to do this it extracts the information from earlier created database.

The screenshot shows a web application window titled "Marksheet". It contains two main sections: "Student Details" and "Grades Point Obtained".

Student Details: This section contains eight input fields for student information:

- Name
- Father Name
- Date of Birth
- School Name
- Roll Number
- Mother Name
- Gender (dropdown menu)
- Email ID

Grades Point Obtained: This section displays a table of marks for various subjects. The table has four columns: SUBJECT, MARKS OBTAINED, PASSING MARKS, and TOTAL MARKS. The subjects listed are MATHEMATICS, PHYSICS, CHEMISTRY, PROGRAMMING, and ENGLISH. Below these, there are summary rows for GRAND TOTAL, PERCENTAGE, and DIVISION. To the right of the table, there are buttons for COMPUTE, SAVE, UPDATE, RESET, and EXIT. At the bottom right, there are fields for CGPA, GRADE, and RESULT.

SUBJECT	MARKS OBTAINED	PASSING MARKS	TOTAL MARKS
MATHEMATICS	0.0	33	100
PHYSICS	0.0	33	100
CHEMISTRY	0.0	33	100
PROGRAMMING	0.0	33	100
ENGLISH	0.0	33	100
GRAND TOTAL	0.0		500
PERCENTAGE	0.0	CGPA	0.0
DIVISION		RESULT	

FIGURE 1.7: Marksheet page

8. Student page.

Student information page.

The screenshot shows a window titled "Student Information" with a light orange background. It contains two main sections: "STUDENT INFORMATION" and "STUDENT DATABASE".

STUDENT INFORMATION section includes the following fields:

- Name
- Father Name
- Mother Name
- Address
- Mobile Number
- Email Address
- Date of Birth
- Gender (dropdown menu)
- ROLL

STUDENT DATABASE section is a large empty table with a vertical scrollbar on the right.

At the bottom, there are four buttons: **SAVE**, **DISPLAY**, **MARKSHEET**, and **EXIT**.

FIGURE 1.8: Student information page

9. Student marksheet page.

Activities Tk Apr 10 21:48 Marksheet

Student Details

Name	<input type="text" value="vipul"/>	Roll Number	<input type="text" value="123"/>
Father Name	<input type="text" value="laxman"/>	Mother Name	<input type="text" value="vijaya"/>
Date of Birth	<input type="text" value="8/11/2001"/>	Gender	<input type="text" value="Male"/>
School Name	<input type="text" value="CDO"/>	Email Address	<input type="text" value="gaikwadvipul19@gmail.com"/>

Grades Point Obtained

SUBJECT	MARKS OBTAINED	PASSING MARKS	TOTAL MARKS
MATHEMATICS	<input type="text" value="60"/>	<input type="text" value="33"/>	<input type="text" value="100"/>
PHYSICS	<input type="text" value="60"/>	<input type="text" value="33"/>	<input type="text" value="100"/>
CHEMISTRY	<input type="text" value="60"/>	<input type="text" value="33"/>	<input type="text" value="100"/>
PROGRAMMING	<input type="text" value="60"/>	<input type="text" value="33"/>	<input type="text" value="100"/>
ENGLISH	<input type="text" value="70"/>	<input type="text" value="33"/>	<input type="text" value="100"/>
GRAND TOTAL	<input type="text" value="310"/>		<input type="text" value="500"/>
PERCENTAGE	<input type="text" value="62"/>	CGPA	<input type="text" value="6.5"/>
DIVISION	<input type="text" value="FIRST"/>	RESULT	<input type="text" value="PASS"/>

EXIT

GRADE

FIGURE 1.9: Student marksheet page

10. Clubs page.

Shows information of various clubs which are there in the institute.

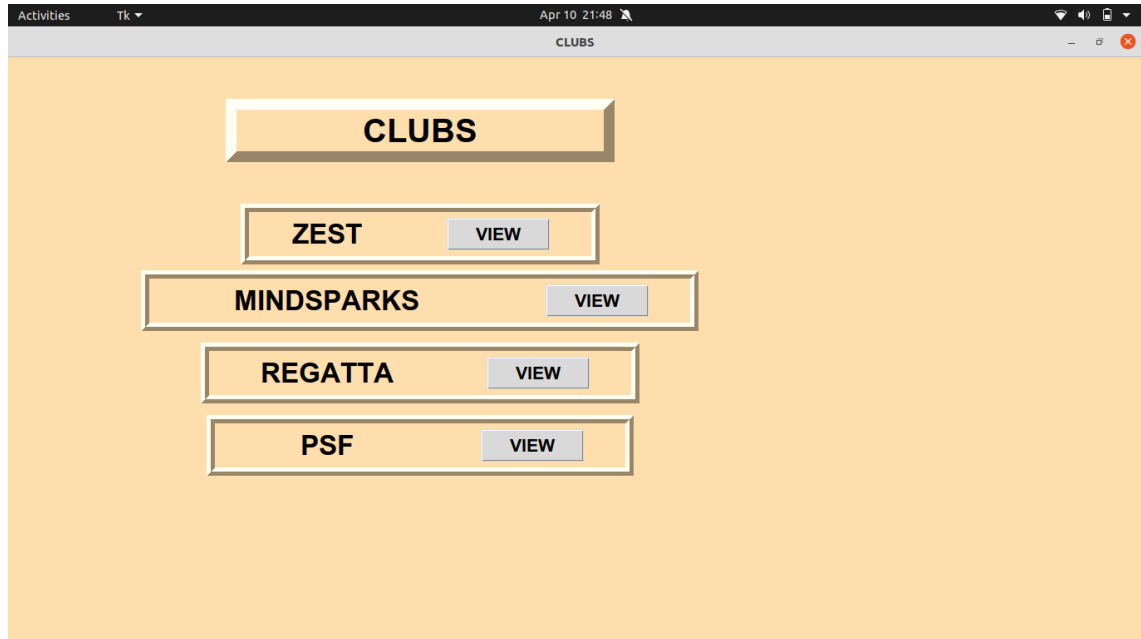


FIGURE 1.10: Clubs page