CHAPTER 1
INTRODUCTION

1.1 OVERVIEW

The Online student feedback system is the web-based feedback collecting system from the students and provides the automatic generation of a feedback which is given by students. We have developed student feedback system to provide feedback in a quick and easy manner to the particular faculty's and to the particular course.

NAAC and Higher Education inspects the infrastructure, facilities and also assesses the performance and academic excellence of the teachers and course of an institution. It gives grades on the basis of performance and prospects of an institution. In order to maintain a good recognition at university, the management does every possible aspect in maintaining the qualities of the lecturers. One of the main evaluations done at the university is getting an anonymous student feedback at the end of each module at the end of the semester and getting summary of the student's feedback regarding the faculty lecturer's teaching. In order to get productive feedback, the university has prepared a questionnaire to be filled by the students which covers the key points regarding a lecture, course and college.

1.2 STATEMENT OF THE PROBLEM

The purpose of this online feedback system questionnaire is to gather information on your learning experience, as well as your response. When clicking the answer, you have to think of these questions as your subjective perceptions on various aspects of the course and the teacher's involved in the program.

A typical feedback form consists some questions where students have to give a grade. Recording the identity of the students with their login string. One student is allowed to give only one time feedback in one turn.

1.3 MOTIVATION

The success of any teaching programme lies in planning a curriculum, which allows the students to gain maximum meaningful knowledge in the short span of time available. To achieve this goal, it is very important to have adequate communication between teachers and students. The students undoubtedly are in the best judges to assess the teaching and evaluation

methods and hence their comment may be regarded as the expressions of the effectiveness of any teaching system.

The student feedback is generally obtained as answers to a set of questions, which are designed to cover all aspects of course delivery to students. The objective of this study is to further quantify this objective response by assigning proper weightages.

1.4 MERITS

- Evaluation of courses and curriculum through online surveys is an effective way to enhance student's learning capabilities in the classroom.
- Reduces a lot of time and effort.
- Track and improve learning and teaching excellence. Continuously improve teaching standards with online feedback received.
- Ensure authentic & accurate results.
- Friendly user interface.
- Automated Evaluation.

1.5 ORAGANISATION OF REPORT

- The first chapter contains the introduction to the topic. Followed by, it contains overview and problem statement. The next section contains motivation and merits.
- The second chapter contains Existing system. It will give the information about already existing feedback system in Mangalore University.
- The third chapter explains software requirement specification. This contains software required and used to develop the system.
- Chapter four contains system design which contains the architecture of proposed system and design of database.
- Chapter five contains implementation and it contains the information about software implemented while developing the feedback system.
- Chapter six contains testing and result which describes about the possible outcome of the software and result.
- Chapter seven contains conclusion and future works.
- References section contains all the previous works referred that are relevant to the project.

CHAPTER 2
EXISTING SYSTEMS

2.1 EXISTING SYSTEM

Coming to the existing system the feedback is done only for the second, fourth, and sixth semester students. The existing system students can give feedback about the lecturers, course and overall opinion about Mangalore University. And there were few flaws in old software like students were struggling to select the proper course and faculty name while giving feedback. To overcome that problem, we came up with new improved software where both odd and even semester students can give the feedback.

2.2 PROPOSED SYSTEM

Online Student Feedback System for Mangalore University which we design is in the same line of existing system, the proposed system as easily student can select the proper course and faculty name while giving the feedback. Admin can able to view the number students who had submitted the feedback and analysis report. We came up with this improved software where both odd and even semester students can give the feedback.

CHAPTER 3
SOFTWARE REQUIREMENT SPECIFICATION

3.1 INTRUDUCTION

A software requirement specification is a description of a software system to be developed. It lays out functional and non-functional requirements and may include set of use cases that describes user interactions that the software must provide. To derive the requirements, they need to have clear and thorough understanding of the product to derive the requirements they need to have clear and thorough understanding of the products to be developed.

3.2 PURPOSE OF THE PROJECT

Student Feedback is an essential component of the educational system. It can be incorporated to enhance teaching and learning techniques since it has an immediate impact on the process of acquiring knowledge and has a direct impact on both teaching and learning.

Student Feedback assists all students in understanding the subject matter and provides clear guidance on how to improve their learning procedure. Feedback can help students gain confidence, self-awareness, and enthusiasm for what they are learning.

3.3 SCOPE OF THE PROJECT

In this project an attempt is made to design a software for the Online student feedback that collects the student feedback about courses, faculties and overall opinion about the Mangalore University. The objective of this software is to maintain and analyse the feedback given by the students and it also maintains the student's status. It has the features like adding, viewing, updating and managing the faculty, course, campus, course, students and programmes. This software analyses the feedback given by the student to particular course and faculty.

3.4 DEFINITION, ACRONYMS, ABBREVIATION

SRS: Software Requirement Analysis and Specification
GUI: Graphical User Interface
RAM: Random Access Memory
SQL: Structure Query Language

DFD: Data Flow Diagram

CFD: Context Flow diagram

USER: The people who will actually use the software.

3.5 FUNCTIONAL REQUIREMENTS

This output has to be produced for the given input is specified by the functional requirements. According to the data type specified, the inputs are entered and for mandatory fields. The system does not take the invalid inputs. It helps in prompting to re-enter the data and it also helps in showing an appropriate error message.

3.6 NON-FUNCTIONAL REQUIREMENTS

Non-Functional requirements are requirements that are not directly concerned with the specific function delivered by the system. They may relate to emergent system properties such as reliability, response time and store occupancy. Alternatively, they may define constraints on the system such as the capabilities of I/O devices and the data representation used in system interfaces.

3.7 HARDWARE REQUIREMENTS

CPU	Intel Pentium Core i3 processor and above
HARD DISK SPACE	500 GB or above
RAM	8GB or above
KEYBOARD	Standard Keyboard

Table 3.1 Hardware requirements

3.8 SOFTWARE REQUIREMENTS

The software requirements are a technical specification of requirements for the software product. The goal of software requirements definition is to completely and consistently specify the technical requirements for the software product in a concise and unambiguous manner

Data base	MYSQL version 2.70
Server	XAMPP
Language	PHP, Java Script, HTML
Documentation Tools	MS Word 2007
Operating System	Windows version 11
Web Browser	Google Chrome
Framework	CodeIgniter 3

Table 3.2 Software Requirements

CHAPTER 4

SYSTEM DESIGN

4.1 OVERVIEW

A system design is as an integrated set of components that accomplish a defined objective. The process of systems design includes defining software and hardware architecture, components, modules, interfaces, and data to enable a system to satisfy a set of well-specified operational requirements.

4.2ARCHITECTURE OF PROPOSED SYSTEM/SYSTEM DESIGN

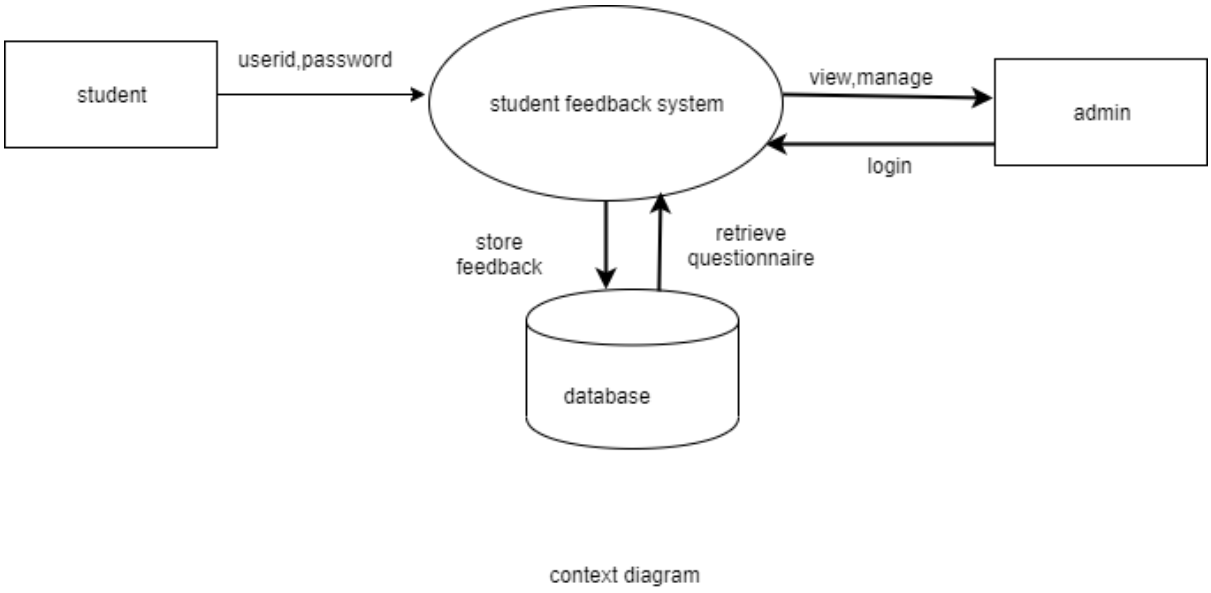


Figure: 4.1 context diagram

DATA FLOW DIAGRAM

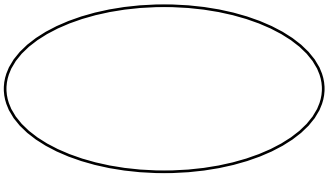
A data flow diagram (DFD) is a structured analysis and design tool that can be used for flow charting in place of or in association with information oriented and process-oriented system flowchart. A DFD is network that describes the flow of data and the processes that change or transform data throughout a system. Dataflow models are used to show how data flows through sequence of processing steps. The data is transformed at each step before moving on to the next stage. These processing steps or transformations are program functions where data flow diagrams are used to document a software design. Data flow diagrams do not supply detailed description of the modules but graphically describes a system data and how the data interact

with the system. DFD is a graphical tool used to describe and analyse the movement of data through a system.

Dataflow diagrams are constructed from four basic building blocks

- Processes
- Data Flow
- Store
- Terminator

THE PROCESSES:



- Also called bubble, Function and transformation
- Shows a part of a system that transform input to output
- Represented graphically as a circle
- Named with single word, phase, or sentences

DATA FLOWS

It is represented by arrow line and name of the data is specified by the line as label. This is used for data movement.

TWO DATA PACKETS

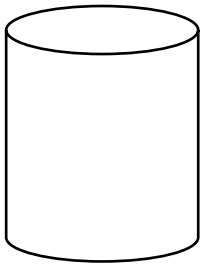
Represented graphically by an arrow in to out of service process. Describes movement of information in the system “Data in motion”. If flows show direction.

Double-headed arrow stands for dialogue-convenient packaging of two data packers. Data

flows can diverge or converge in a DFD.

DATA STORE

It is represented by one open end rectangle. The database used in the system is specified by this notation.



SOURCE OF LINKS

It is represented by one end rectangle. It is used for specifying from where data comes are where it Reaches.

LEVEL 0 DFD

1.User login

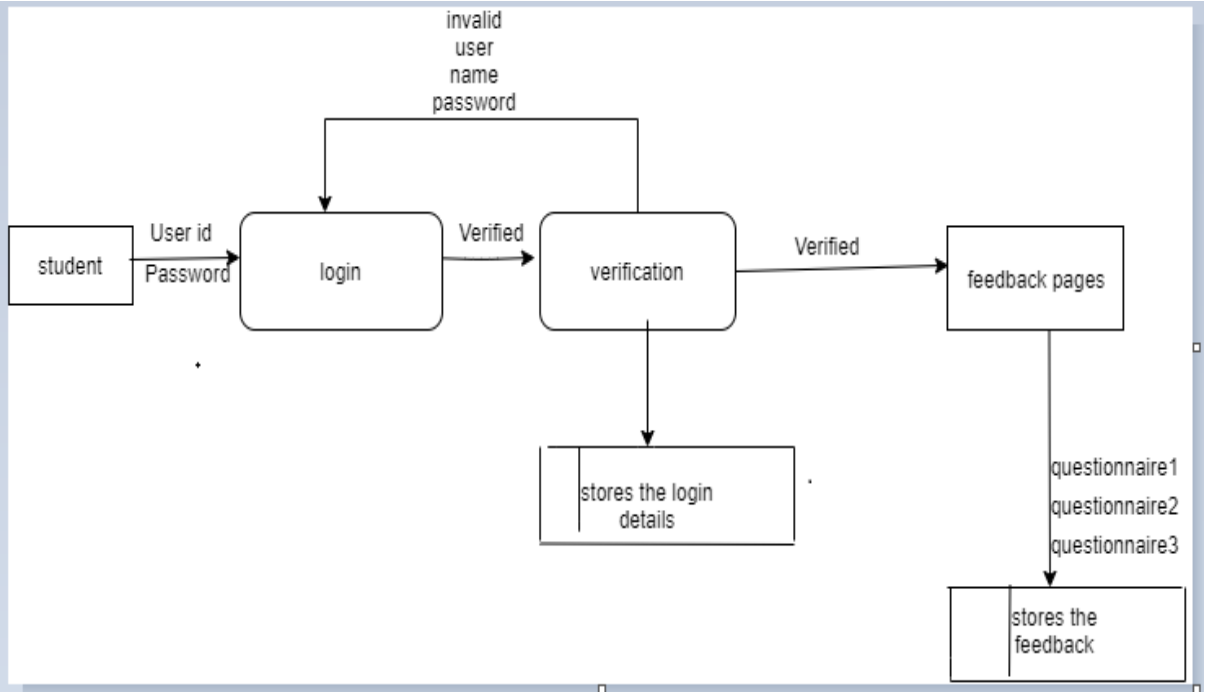


Figure: 4.2 user login

LEVEL 1 DFD

2.Admin Login

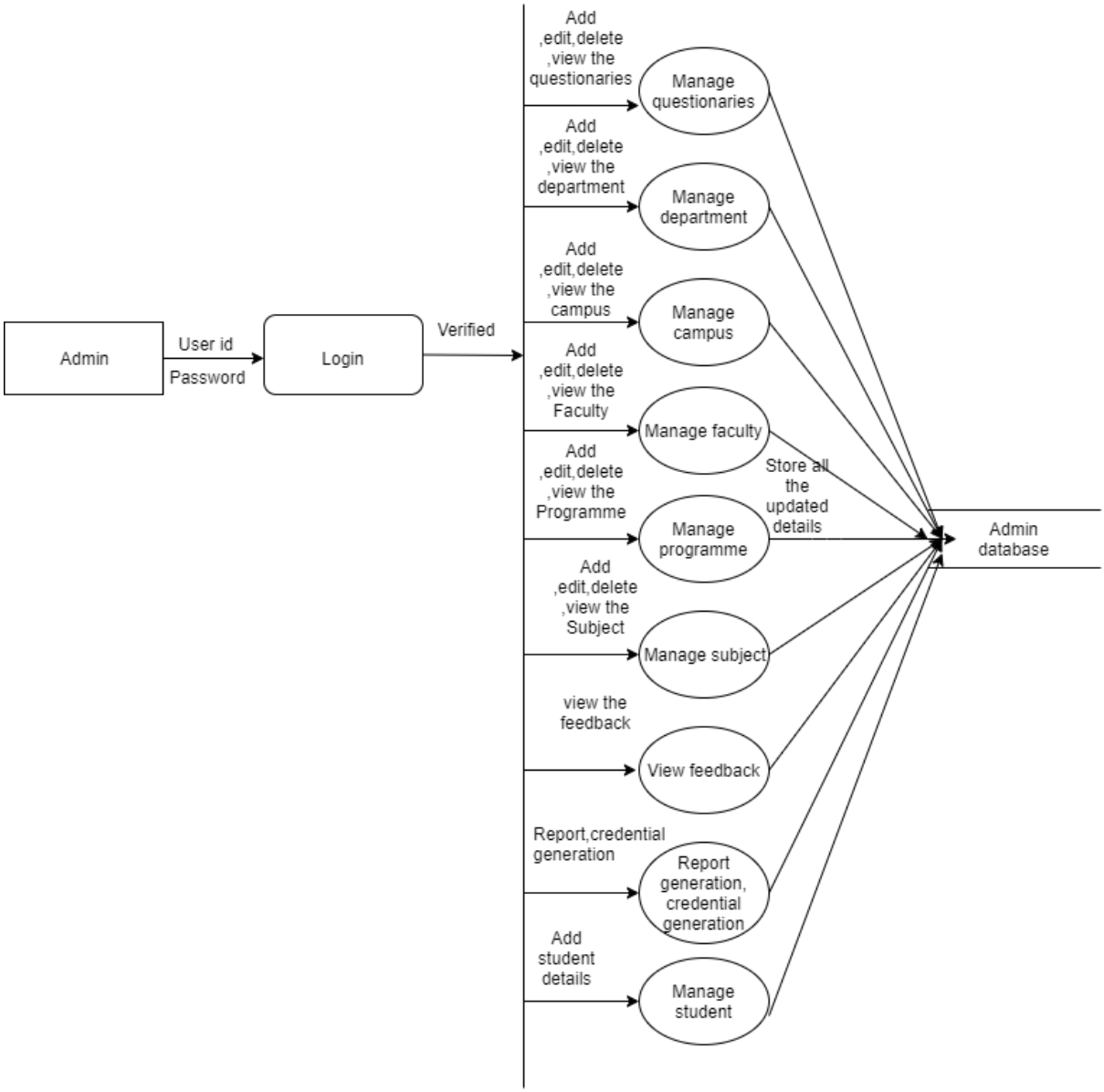


Figure: 4.3 admin login

ENTITY-RELATIONSHIP DIAGRAM

It is also called as entity relationship module, is a graphical representation of entities and their relationship to each other, typically used in computing in regard to the organization of data within databases or information systems. It is a specialized graphic that illustrates the

relationship between entities in a database. ERD.E_R diagrams represent the sachems rather than the instances. This is more useful because database schema changes rarely, whereas extension changes frequently. In addition, the schemes are usually easier to display than the extension of a database. An ER diagram is a pictorial representation of the information that can be capture by the database.

ELEMENTS OF E-R DIAGRAM

ENTITY

The basic object that the ER diagram represents in entity, it is a thing in the real world with and independent existence. An entity may be an object with a physical existence.

WEAK ENTITY

Weak entity is an entity that depends on existence of another entity. In more technical term it can defined as an entity that cannot be identified by its own attributes. It uses a foreign combined with the attributed to foreign key.

ATTRIBUTE

An entity is represented by a set of attributes. Attributes are descriptive proprieties possessed by all member of entity set.

Attribute Type

- **Simple Attribute:** cannot be divided into subparts.
- **Composite Attribute:** It can be divided into subparts.
- **Single-Valued Attribute:** each entity has only one value.
- **Multi-Valued Attribute:** an entity may have zero, one, or more value.
- **Derived Attributes:** can be computed by another attribute.

RELATIONSHIP

It describes how entities interact. Simply an association among several attributes. A set of relationship can share common features.

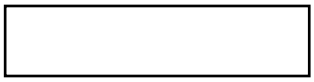
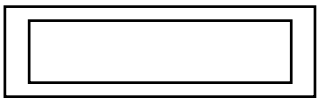
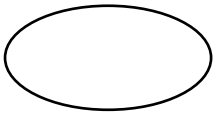
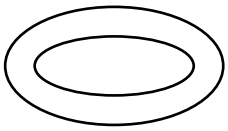
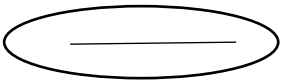
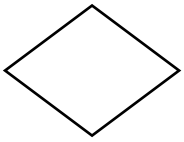
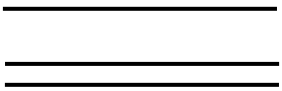
SL. No	Entity set/Attribute	ER-notation	Meaning in life
1	Strong Entity Set		Rectangular Box (Single line)
2	Weak Entity Set		Rectangular Box (Double line)
3	Attributes		Oval box (Double)
4	Multi-valued Attributes		Oval box (Double)
5	Derived Attributes		Oval box (Double)
6	Primary key		Underlined
7	Relationship Set		Diamond Box (Single line)
8	Participation Constraints		Single line(total) Double Line(partial)

Table 4.1 Relationship table

E-R DIAGRAM FOR ONLINE STUDENT FEEDBACK SYSTEM FOR MANGALORE UNIVERSITY

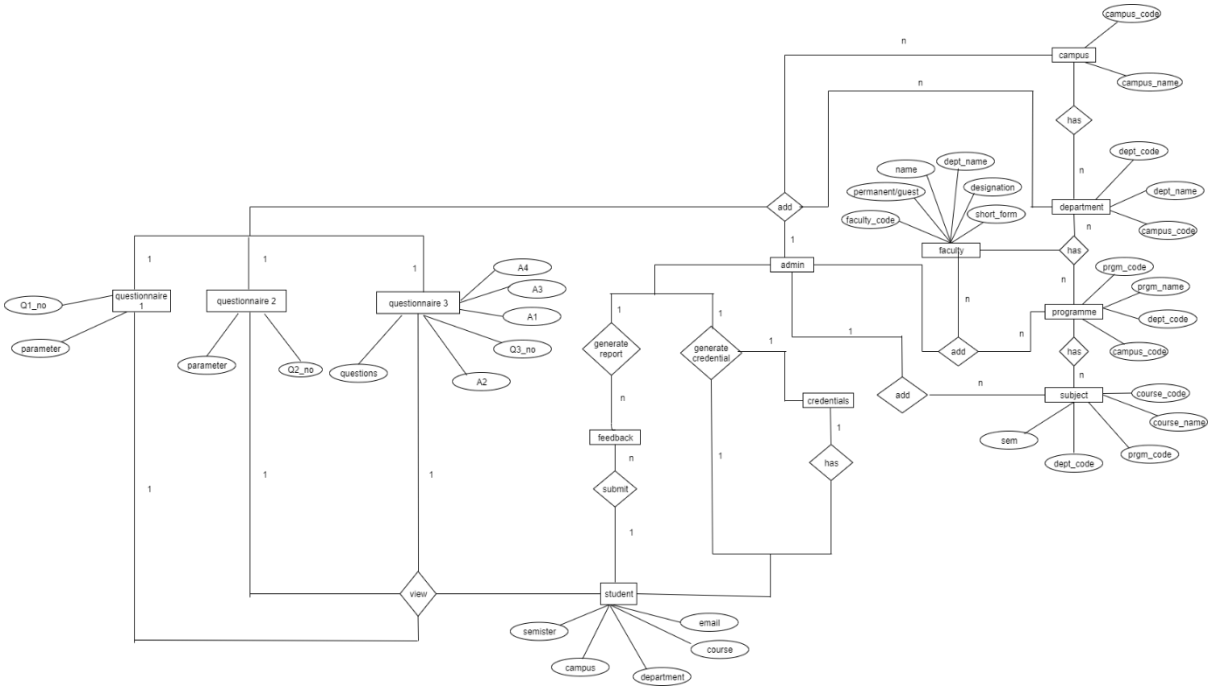


Figure 4.4 E-R diagram

USECASE DIAGRAM FOR ONLINE STUDENT FEEDBACK SYSTEM FOR MANGALORE UNIVERSITY

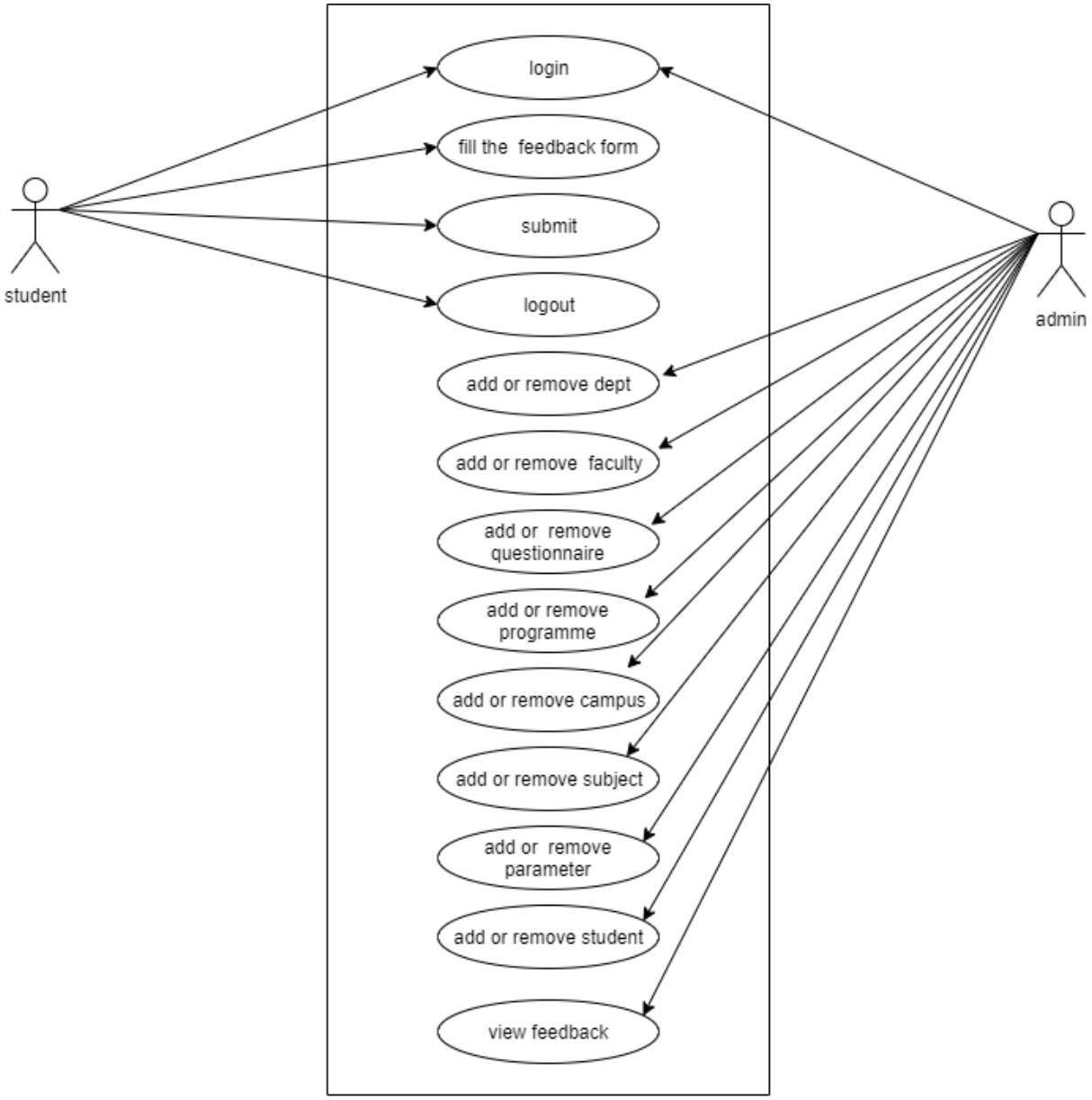


Figure 4.5 use case diagram

4.3 DATABASE DESIGN

DATABASE

Database design is the process of producing a detailed data model of a database. This data model contains all the needed logical and physical design choices and physical storage parameters needed to generate a design. It contains all the logical design and physical design parameters and attributes. It will be used to create a database. The data model should address all the attributes in great detail for each entity.

SCHEMA DESIGN

Attributes	**Data type**	**Constraints**
user	Varchar (30)	Not null
pass	Varchar (50)	Not null

Table 4.2 admin table

Attributes	**Data type**	**Constraints**	**Linked to**
campus_code	Int (10)	Foreign key, not null	department, programme, studentstrength, course, credential-> campus_code
campus _name	Varchar (30)	not null	

Table 4.3 campus table

Attributes	**Data type**	**Constraints**	**Linked to**
course_code	Varchar (30)	Not Null	
course_name	Varchar (255)	Not null	
campus_code	Varchar (30)	Foreign key, not null	department, programme, studentstrength, campus, credential-> campus_code
programme_code	Varchar (30)	Foreign key,	programme-> programme_code

		not null	
dept_code	Int (10)	Foreign key, not null	department, programme, credential -> dept _code
semester	Varchar (10)	Foreign key, not null	Studentstrength, credential-> semester

Table 4.4 course table

Attributes	**Data type**	**Constraints**	**Linked to**
user_name	Varchar (30)	Primary Key, not null	
password	Varchar (30)	not null	
dept_code	Char (30)	Foreign key, not null	department, programme, course -> dept _code
semester	Int (10)	Foreign key, not null	studentstrength, course, -> semester
programme_name	Char (30)	Foreign key, not null	programme, studentstrength, student-> Programme_name
campus _code	Varchar (30)	Foreign key, not null	department, course, programme, campus, studentstrength, -> campus_code

Table 4.5 credential table

Attributes	**Data type**	**Constraints**	**Linked to**
dept_code	Int (10)	Foreign key, not null	programme, course, credential-> dept _code
dept_name	Varchar (30)	Foreign key, not null	faculty, programme, studentstrength->

			dept_name
campus_code	Int (10)	Foreign key, not null	campus, programme, studentstrength, course, credential-> campus_code

Table 4.6 Department table

Attributes	**Data type**	**Constraints**	**Linked to**
faculty_no	Int (10)	Primary Key, not null	
p_g_faculty	Varchar (30)	not null	
faculty_name	Varchar (100)	not null	
faculty_code	Varchar (30)	not null	
dept_name	Varchar (30)	Foreign key, not null	department, programme, studentstrength-> dept_name

Table 4.7 Faculty Table

Attributes	**Data type**	**Constraints**	**Linked to**
FC_no	Int (10)	Primary key	
dept_name	Varchar (100)	none	
programme_name	Varchar (100)	none	
semester	Varchar (10)	none	
C_code	Varchar (10)	none	

C_name	Varchar (100)	none	
P1	Varchar (5)	none	
P2	Varchar (5)	none	
P3	Varchar (5)	none	
P4	Varchar (5)	none	
P5	Varchar (5)	none	
P6	Varchar (5)	none	
P7	Varchar (5)	none	
user	Varchar (20)	none	

Table 4.8 Course feedback table

Attributes	**Data type**	**Constraints**	**Linked to**
Fb_no	Int (10)	Primary key	
dept_name	Varchar (100)	none	
programme_name	Varchar (100)	none	
T_name	Varchar (10)	none	
P1	Varchar (5)	none	
P2	Varchar (5)	none	
P3	Varchar (5)	none	
P4	Varchar (5)	none	
P5	Varchar (5)	none	

P6	Varchar (5)	none	
P7	Varchar (5)	none	
P8	Varchar (5)	none	
P9	Varchar (5)	none	
user	Varchar (10)	none	

Table1 4.9 Guest faculty feedback table

Attributes	**Data type**	**Constraints**	**Linked to**
FO_no	Int (10)	Primary key	
dept_name	Varchar (100)	None	
programme_name	Varchar (100)	None	
semester	Varchar (20)	None	
Q1	Varchar (30)	None	
Q2	Varchar (30)	None	
Q3	Varchar (30)	None	
Q4	Varchar (30)	none	
Q5	Varchar (30)	None	
Q6	Varchar (30)	None	
Q7	Varchar (30)	None	
Q8	Varchar (30)	None	
Q9	Varchar (30)	None	

Q10	Varchar (30)	None	
Q11	Varchar (30)	none	
Q12	Varchar (30)	None	
Q13	Varchar (30)	None	
Q14	Varchar (30)	None	
Q15	Varchar (30)	None	
Q16	Varchar (30)	None	
Q17	Varchar (30)	None	
Q18	Varchar (30)	None	
Q19	Varchar (30)	None	
Q20	Varchar (30)	None	
Q21	Varchar (30)	None	
Q22	Varchar (30)	None	
Q23	Varchar (30)	None	
Q24	Varchar (30)	none	
Q25	Varchar (30)	None	
Q26	Varchar (30)	None	
Q27	Varchar (100)	None	
Q28	Varchar (100)	None	
user	Varchar (20)	None	

Table 4.11 Overall feedback table

Attributes	Data type	Constraints	Linked to
Fb_no	Int (10)	Primary key	
dept_name	Varchar (100)	none	
programme_name	Varchar (100)	none	
T_name	Varchar (10)	none	
P1	Varchar (5)	none	
P2	Varchar (5)	none	
P3	Varchar (5)	none	
P4	Varchar (5)	none	
P5	Varchar (5)	none	
P6	Varchar (5)	none	
P7	Varchar (5)	none	
P8	Varchar (5)	none	
P9	Varchar (5)	none	
user	Varchar (10)	none	

Table 4.12 Faculty feedback table

Attributes	Data type	Constraints	Linked to
programme_code	Varchar (30)	Foreign key, not null	course-> programme_code
programme_name	Varchar (100)	Foreign key, not null	studentstrength, student, credential-> programme_name
dept_name	Varchar (30)	Foreign key, not null	faculty, Department studentstrength, student-> dept_name

campus_code	Int (10)	Foreign key, not null	campus, department, studentstrength, credential-> campus_code
dept_code	Int (10)	Foreign key, not null	department, course, credential-> dept _code

Table 4.13 Programme table

Attributes	**Data type**	**Constraints**	**Linked to**
SL_NO	Int (10)	not null	
dept_name	Varchar (30)	Foreign key, not null	faculty, department, programme-> dept_name
programme_name	Varchar (100)	Foreign key, not null	programme, credential-> programme_name
semester	Varchar (10)	Foreign key, not null	course-> semester
std_strength	Int (10)	not null	
campus_code	Varchar (30)	Foreign key, not null	department, course, programme, campus, credential-> campus_code

Table 4.14 Studentstrength

CHAPTER 5
IMPLEMENTATION

DETAILED IMPLEMENTATION

Online student feedback system using HTML, CSS, PHP, JavaScript and MYSQL. The proposed software provides improvements to the existing software design. It tries to make the existing software more efficient, convenient and user friendly.

TOOLS AND TECHNOLOGIES

HTML:

HTML stands for Hyper Text Markup Language. It is used to design web pages using markup language. Hypertext defines the link between the Web pages. Markup language is used to define the text document within the tag which defines the structure of web pages.

CSS:

Cascading Style Sheet is a simply designed language intended to simplify the process of making web pages presentable.CSS allows you to apply to web pages. More importantly, CSS enables you to do this independent of the HTML that makes up each web page. CSS is easy to learn and understood but it provides powerful control over the presentation of an HTML document.

PHP:

PHP is one of the most widely used server-side scripting language for web developments. PHP is so popular because it's very simple to learn code and deploy on server, hence it has been the first choice for beginning since decades. PHP can actually do anything related to server-side scripting or more popularly known as the backend of a website. For example, PHP can receive data from forms, generate dynamic page content, can work with databases, create sessions, send and receive cookies, send emails. There are also many hash functions available in PHP to encrypt users' data that makes PHP secure and reliable to be used as a server-side scripting language. So, these are some of the abilities of PHP that makes it suitable to be used as server-side scripting language.

JAVASCRIPT:

JavaScript is a lightweight, interpreted programming language. It is designed for creating network centric applications. It is complementary to and integrated with Java. JavaScript is very easy to implement because it is integrated with HTML. It is open and cross platform.

MYSQL:

MYSQL is a freely available open-source Relational Database Management System that uses Structured Query Language. SQL is the most popular language for adding, accessing and managing content in a database.

XAMPP:

XAMPP is an abbreviation for cross platform, Apache, MYSQL, PHP and Perl and it allows building word press side offline, on a local web server on the computer. This simple and lightweight solution works on windows. Linux and Mac-hence the "cross platform "part.

CODEIGNITER FRAMEWORK

CodeIgniter is a PHP MVC framework used for developing web applications rapidly. CodeIgniter provides out of the box libraries for connecting to the database and performing various operations like sending emails, uploading files, managing sessions, etc.

The PHP CodeIgniter framework uses the Model-View-Controller architectural design. It is industry standard practices when working with web applications. MVC separates the data, business logic, and presentation.

MODULE DECOMPOSITION OF COMPONENT

DESCRIPTION OF THE COMPONENT

Login

- Input: Username, Password
- Output: Redirect to respective feedback pages
- processing: If the username and password is incorrect relevant messages should be displayed.

Questionnaire 1

- Input: A, B, C, D
- Output: Redirect to respective feedback pages
- Processing: If the grade is not given for the any of the course the relevant messages should be displayed.

Questionnaire 2

- Input: A, B, C, D
- Output: Redirect to respective feedback pages
- Processing: If the grade is not given for the any of the faculty the relevant messages should be displayed.

Questionnaire 2a

- Input: A, B, C, D
- Output: Redirect to respective feedback pages.
- Processing: If the grade is not given for the any of the faculty the relevant messages should be displayed.

Questionnaire 3

- Input: Select Relevant option
- Output: Redirect to respective their pages
- Processing: If the option is not selected relevant messages should be displayed.

Admin Login:

- Input: Username, Password
- Output: Redirect to admin dashboard
- Processing: If the username and password is incorrect relevant messages should be displayed.

Campus

Add campus:

- Input: Campus name
- Output: Campus details will be inserted to database.

- Processing: If the Campus name is already existing the relevant message will be displayed.

Manage campus:

Update

- Input: Campus code and Campus name
- Output: Updated information will be stored.
- Processing: Updated information related message will be displayed.

Delete

- Input: Ok, Cancel
- Output: Campus will be deleted from database.
- Processing: relevant messages should be displayed.

Department

Add Department:

- Input: Campus name (select from drop down list), Department name
- Output: Department name will be inserted to respective table of database.
- Processing: relevant message will be displayed.

Manage Department:

- Input: Department code, Department name, Campus code.
- Output: Department information will be Updated to database.

Delete

- Input: Ok, Cancel
- Output: Department name will be deleted from database.
- Processing: relevant messages should be displayed.

Programme

Add Programme:

- Input: Campus name (select from drop down list), Dept name (select from drop down list), Programme code and Programme name.
- Output: Programme name will be inserted to database.
- Processing: If the Programme name is already existed relevant message will be displayed.

Manage Programme:

- Input: Campus name (select from drop down list), Department name (select from drop down list).
- Output: Selected dept Programmes will be displayed.

Update

- Input: Programme no, Programme code, Programme name, Dept name, Campus code.
- Output: Information will be updated to database.
- Processing: Updated information related message will be displayed.

Delete

- Input: Ok, Cancel
- Output: Programme will be deleted from database.
- Processing: relevant messages should be displayed.

Course

Add Course:

- Input: Campus name (select from drop down list), Department name (select from drop down list), Programme name (from drop down list), Semester (from drop down list), Course code, Course name
- Output: Course will be updated to database.

- Processing: If no field is selected relevant message will be displayed.

Manage Course:

- Input: Campus name (select from drop down list), Department name (select from drop down list), Programme name (from drop down list).
- Output: Course detail will be displayed.

Update

- Input: Course no, Course code, Course name, Dept name, Programme name, Campus code.
- Output: Updated information will be added to database.
- Processing: Updated information related message will be displayed.

Delete

- Input: Ok, Cancel
- Output: Course will be deleted from database.
- Processing: relevant messages should be displayed.

Faculty

Add Faculty:

- Input: Campus name (select from drop down list), Department name, Permanent/Guest Faculty (select from drop down list), Faculty name
- Output: Faculty will be added to relevant table of database.
- Processing: If no field is selected relevant message will be displayed.

Manage Course:

- Input: Campus name (select from drop down list), Department name (select from drop down list)
- Output: Faculty details of selected department will be displayed.

Update

- Input: Faculty no, Faculty name, Dept name, Programme name.
- Output: Faculty Updated information will be stored to database.
- Processing: Updated information related message will be displayed.

Delete

- Input: Ok, Cancel
- Output: Faculty will be deleted from database.
- Processing: relevant messages will be displayed.

Student

Add Student strength table

- Input: Campus name (select from drop down list), Department name (select from drop down list), Programme name (select from drop down list), Semester (select from drop down list)
- Output: Student strength of particular programme added to database.
- Processing: If anyone of the field is not selected relevant message will be displayed. If the student strength already exist then relevant messages will be displayed

Manage Student strength:

- Input: Campus name (select from drop down list), Department name (select from drop down list)
- Output: Student strength details will be displayed.
- Processing: If anyone of the field is not selected relevant message will be displayed.

Update Student strength:

- Input: SI no, Dept name, Programme name, Student strength, Semester
- Output: Faculty Student strength will be updated in database.

Delete

- Input: Ok, Cancel
- Output: Faculty will be deleted from database.
- Processing: relevant messages should be displayed.

Credential

Generate Credential

- Input: Campus name (select from drop down list), Department name (select from drop down list), Programme name, Semester (from drop down list)
- Output: Generated credential will be stored in database.
- Processing: Relevant message will be displayed.

View Credential:

- Input: Campus name (select from drop down list), Department name (select from drop down list), Programme name, Semester (from drop down list)
- Output: Pdf form of generated credential will be displayed.
- Processing: If the credential is not generated yet it will display the relevant message.

Feedback Report:

Questionnaire 1

- Feedback responses: It will display the course response of every student in pdf form.
- Feedback responses count: It will display the count of each grade in pdf form for each course and also total numbers of grades given by students.
- Feedback analysis report: It will give the information about the impact of particular course in percentage.

Questionnaire 2(Permanent Faculty)

- Feedback responses: It will display the grade for particular faculty.
- Feedback analysis report: It will give the information about the impact of particular Faculty in percentage.

Questionnaire 2(Guest Faculty)

- Feedback responses: It will display the grade for particular faculty.
- . Feedback analysis report: It will give the information about the impact of particular Faculty in percentage.

Questionnaire 3

- Feedback responses: It will display the corresponding answer selected by student to a particular question in pdf form.
- Feedback Descriptive comments: Display the comments and suggestions given by the students.
- Feedback analysis report: It will analysis the overall rating for each question separately, and it will display the percentage of grade obtained by every question.

CHAPTER 6
TESTING AND RESULT

SOFTWARE TESTING

Software Testing is a process of evaluating the functionality of a software application to find any software bugs. It checks whether the developed software met the specified requirements and identifies any defect in the software in order to produce a quality product. It is basically executing a system in order to identify any gaps, error or missing requirements in contrary to the actual requirements.

SYSTEM TESTING

System Testing is testing conducted on a complete, integrated system to evaluate its compliance with the specified requirements. After the completion of the integration testing, the product is passed for system testing. System testing is undertaken by independent testers who haven't played a role in developing the program. This testing is performed in an environment that closely mirrors production. System Testing is very important because it verifies that the application meets the technical, functional and business requirements that were set by the stakeholders.

TEST CASE

Test Case Id	Test Description	Test Case Data	Expected Output	Actual Output	Remark
1	Clicking the Login button without entering username and password.	Clicking on Login Button	Error Message "Fill out this fields"	Same as expected	Pass
2	Clicking the Login button entering correct username and password	Clicking on Login Button	Success Message "Login success"	Same as expected	Pass

Table 6.1 Test Case for User Login

Test Case Id	Test Description	Test Case Data	Expected Output	Actual Output	Remark
1	Clicking the submit button without entering Grade	Clicking on Submit Button	Error Message "Please select the course"	Same as expected	Pass
2	Clicking the checkbox without entering the grade	Clicking on checkbox	Error message "Please enter the	Same as expected	Pass
3	Clicking the Submit button entering incorrect Grade	Clicking on Submit Button	Error message "Please enter the correct values"	Same as expected	Pass
4	Clicking the submit button entering correct username and password	Clicking on submit Button	Success Message "Data Saved Successfully	Same as expected	Pass

Table 6.2 Test Case for Questionnaire 1

Test Case Id	Test Description	Test Case Data	Expected Output	Actual Output	Remark
1	Clicking the submit button without entering Grade	Clicking on Submit Button	Error Message "Please select the course"	Same as expected	Pass
2	Clicking the checkbox without entering Grade	Clicking on checkbox	Error message "Please enter the correct values"	Same as expected	Pass
3	Clicking the Submit button entering incorrect grade	Clicking on submit Button	Error message "Please enter the correct values"	Same as expected	Pass
4	Clicking the submit button entering correct username and password	Clicking on submit Button	Success Message "Data Saved Successfully "	Same as expected	Pass

Table 6.3 Test Case for Questionnaire 2

Test Case Id	Test Description	Test Case Data	Expected Output	Actual Output	Remark
1	Clicking the submit button without entering Grade	Clicking on Submit Button	Error Message “Please select the course”	Same as expected	Pass
2	Clicking the checkbox without entering Grade	Clicking on checkbox	Error message “Please enter the correct values”	Same as expected	Pass
3	Clicking the Submit button entering incorrect grade	Clicking on submit Button	Error message “Please enter the correct values”	Same as expected	Pass
4	Clicking the submit button entering correct username and password	Clicking on submit Button	Success Message “Data Saved Successfully “	Same as expected	Pass

Table 6.4 Test Case for Questionnaire 2a

Test Case Id	Test Description	Test Case Data	Expected Output	Actual Output	Remark
1	Clicking the submit button without select Radio button	Clicking on Submit Button	Error Message “Please enter the values”	Same as expected	Pass
2	Clicking the submit button	Clicking on submit Button	Success Message “Data Saved Successfully”	Same as expected	Pass

Table 6.5 Test Case for Questionnaire 3

RESULTS

ADMIN LOGIN PAGE: Admin must first login to use the admin dashboard.

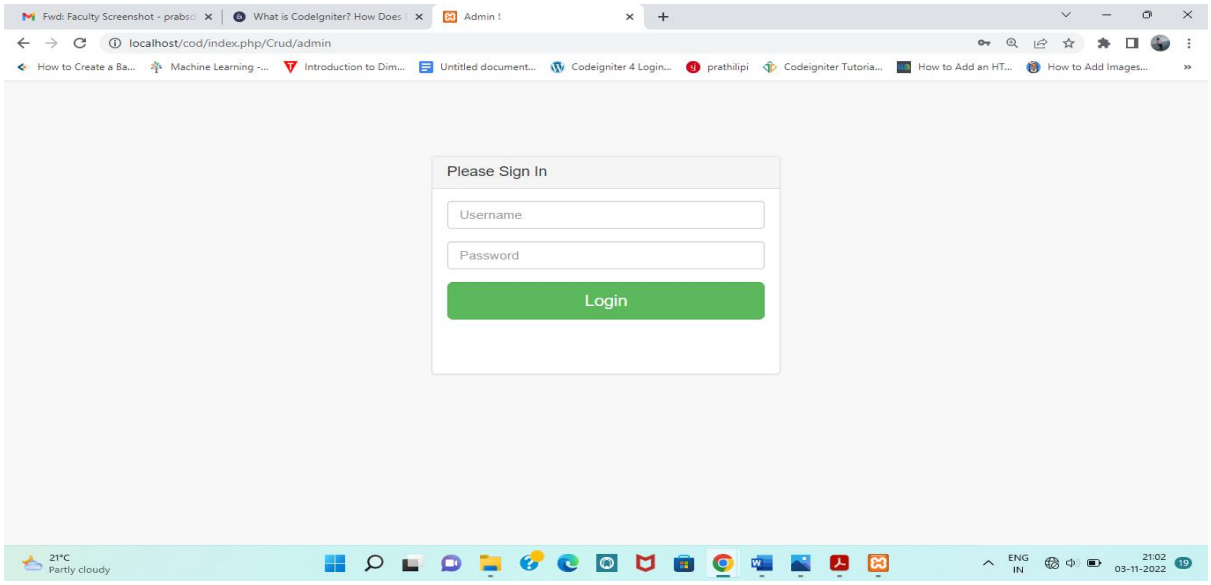


Figure 6.1 ADMIN LOGIN PAGE

ADMIN DASHBOARD: After the admin login admin dashboard will display.

Figure 6.2 ADMIN DASHBOARD

ADD FACULTY: Admin has the privilege to add the faculty.

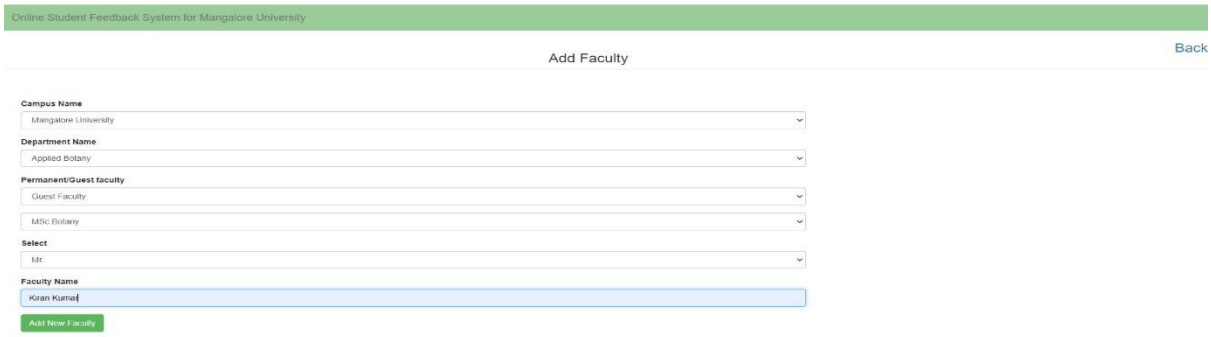


Figure 6.3 ADD FACULTY

MANAGE FACULTY: Admin has the privilege to manage the faculty

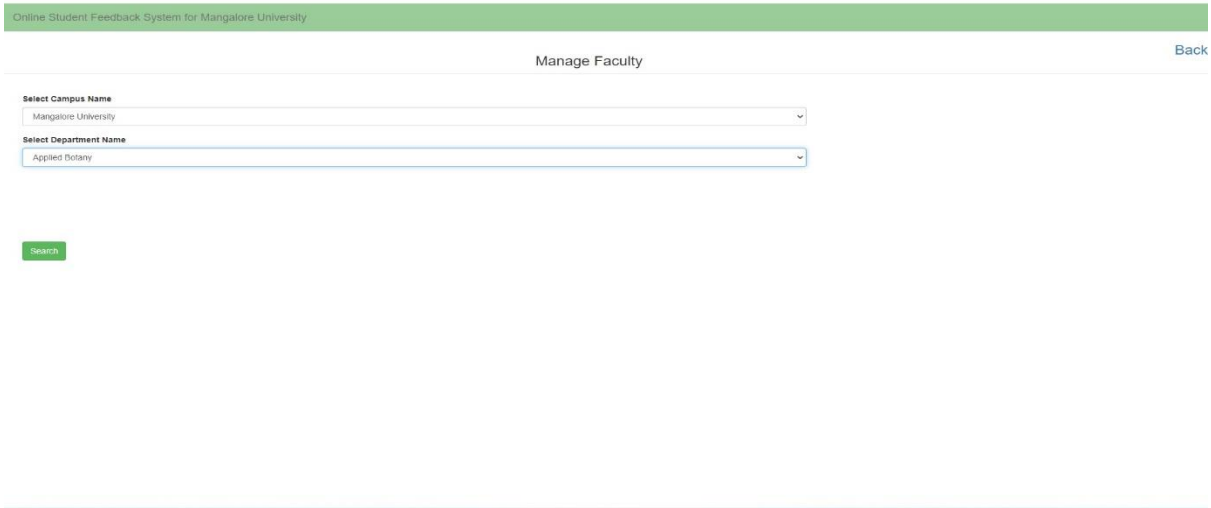


Figure 6.4 MANAGE FACULTY

DELETE FACULTY DETAILS: Admin has the privilege to remove the faculty details from database.

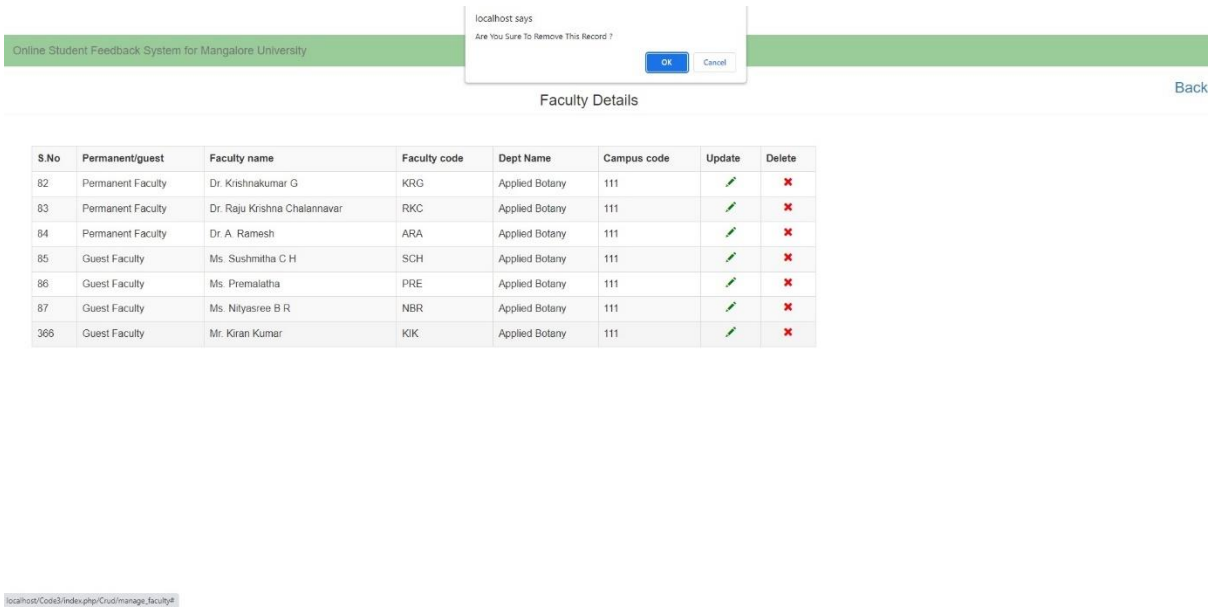


Figure 6.5 DELETE FACULTY DETAILS

UPDATE FACULTY DETAILS: Admin has the privilege to update the faculty details to database.

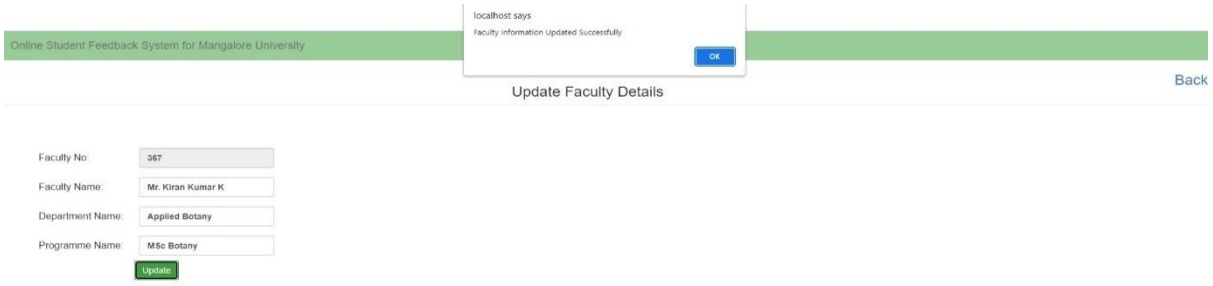


Figure 6.6 UPDATE FACULTY DETAILS

UPDATED DETAILS OF FACULTY

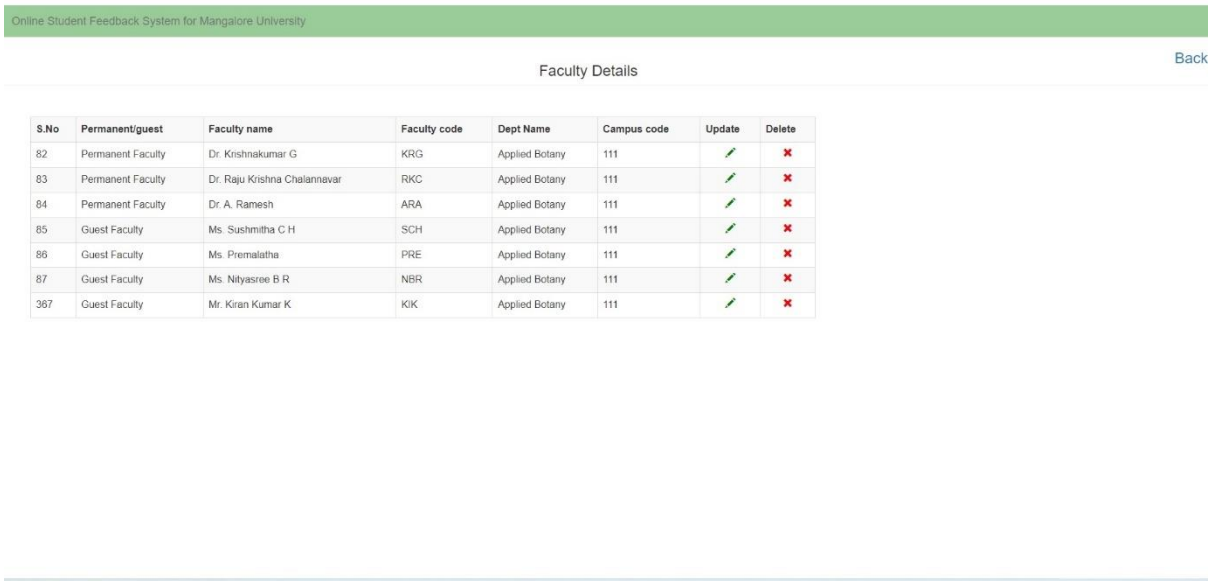


Figure 6.7 UPDATED FACULTY DETAILS

ANALYSING THE FEEDBACK: Admin can analyse the feedback.

Figure 6.8 REPORT GENERATION FOR QUESTIONAIRE1

FEEDBACK RESPONSE:

Mangalore University

Department of Applied Botany

Programme Name: MSc Botany Semester: II sem

Feed Course No:	Course Name	1. Depth of the course content	2. Extent of coverage of the course	3. Applicability / relevance of the course	4. Learning value of the course in terms of knowledge, concepts and Skills.	5. Clarity and relevance of the prescribed reading material.	6. Relevance of additional source material (Library).	7. Overall rating.
324	Plant Morphology & Taxonomy- II	A	B	X	D	X	C	X
324	Plant Physiology	A	X	C	X	X	C	X
324	Plant Morphology & Taxonomy Lab II	A	X	A	X	X	X	X
324	Plant Physiology - Lab	A	X	B	A	X	A	X
324	Molecular plant pathology	A	C	X	D	X	X	X
324	Applied Microbiology	A	X	X	A	D	X	X
324	Applied Microbiology -Lab	A	X	X	A	X	X	X
324	Medicinal Plants (Open Eelective)	A	X	A	X	A	X	B
973	Plant Morphology & Taxonomy- II	A	A	A	X	X	X	X
973	Plant Physiology	A	A	A	X	X	X	X
973	Plant Morphology & Taxonomy Lab II	A	A	A	X	X	X	X

Figure 6.9 REPORT RESPONSE

FEEDBACK RESPONSE COUNT:

Mangalore University

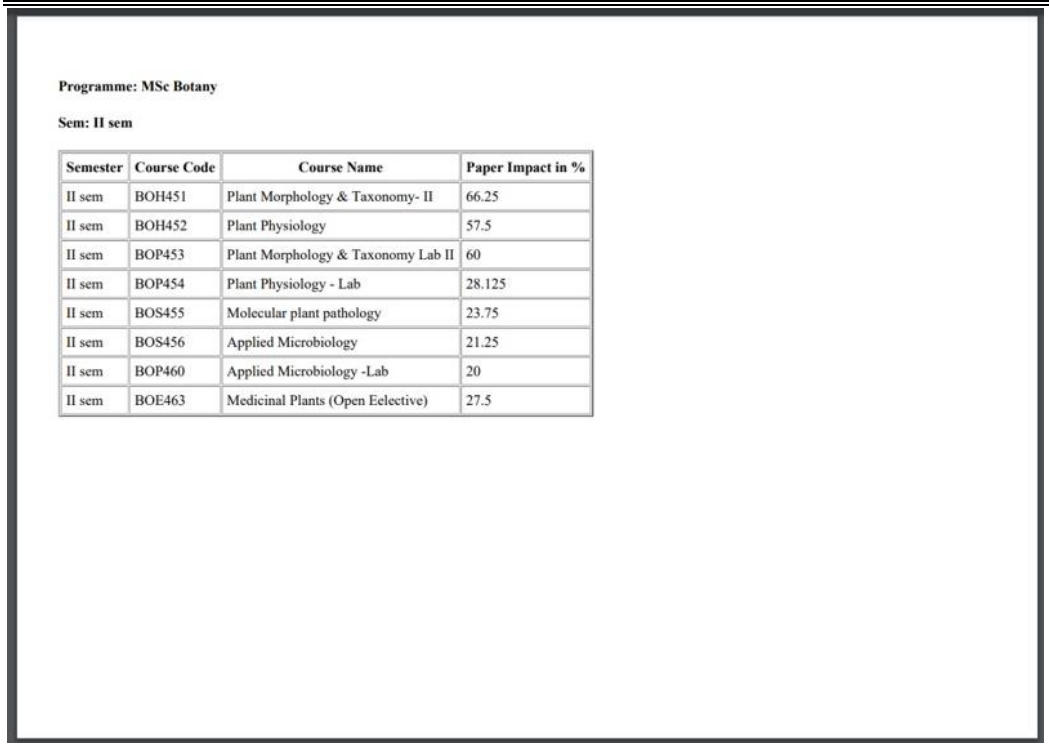
Department of Applied Botany

Programme Name: MSc Botany Semester: II sem

Course Code	Course Name	Parameters	A	B	C	D	Total
BOH451	Plant Morphology & Taxonomy- II	1. Depth of the course content	2	0	0	0	2
		2. Extent of coverage of the course	1	1	0	0	2
		3. Applicability/relevance of the course	1	0	0	0	1
		4. Learning value of the course in terms of knowledge, concepts and Skills.	0	0	0	1	1
		5. Clarity and relevance of the prescribed reading material.	0	0	0	0	0
		6. Relevance of additional source material (Library).	0	0	1	0	1
		7. Overall rating.	0	0	0	0	0
BOH452	Plant Physiology	1. Depth of the course content	2	0	0	0	2
		2. Extent of coverage of the course	1	0	0	0	1
		3. Applicability/relevance of the course	1	0	1	0	2
		4. Learning value of the course in terms of knowledge, concepts and Skills.	0	0	0	0	0
		5. Clarity and relevance of the prescribed reading material.	0	0	0	0	0
		6. Relevance of additional source material (Library).	0	0	1	0	1
		7. Overall rating.	0	0	0	0	0
BOP453	Plant Morphology & Taxonomy Lab II	1. Depth of the course content	2	0	0	0	2

Figure 6.11 REPORT RESPONSE

FEEDBACK ANALYSIS REPORT:



Programme: MSc Botany

Sem: II sem

Semester	Course Code	Course Name	Paper Impact in %
II sem	BOH451	Plant Morphology & Taxonomy- II	66.25
II sem	BOH452	Plant Physiology	57.5
II sem	BOP453	Plant Morphology & Taxonomy Lab II	60
II sem	BOP454	Plant Physiology - Lab	28.125
II sem	BOS455	Molecular plant pathology	23.75
II sem	BOS456	Applied Microbiology	21.25
II sem	BOP460	Applied Microbiology -Lab	20
II sem	BOE463	Medicinal Plants (Open Eelective)	27.5

Figure 6.12 REPORT RESPONSCE

REPORT GENERATION FOR QUESTIONAIRE2:

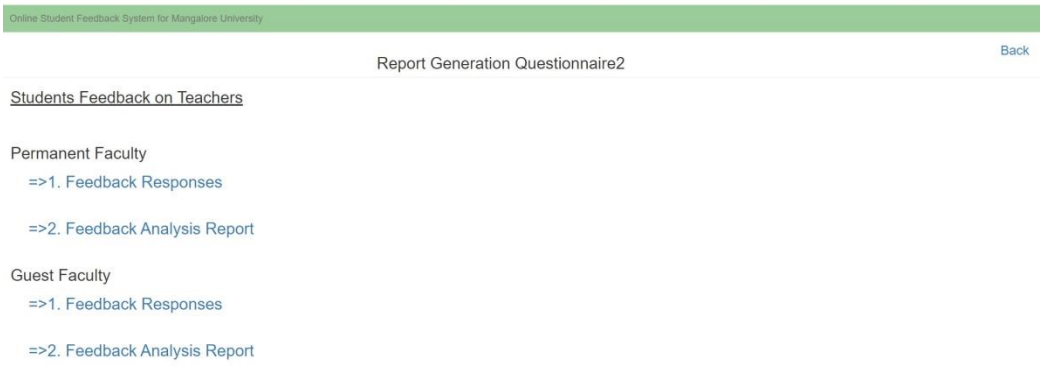
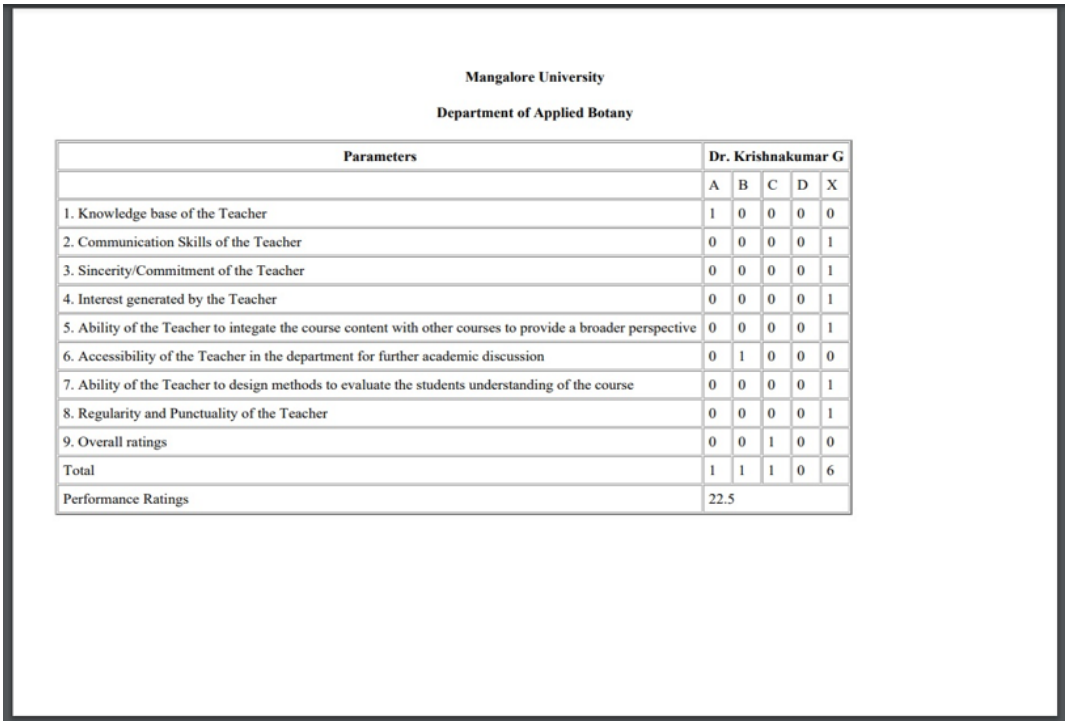


Figure 6.13 REPORT GENERATION FOR QUESTIONAIRE2

PERMANENT FACULTY'S ANALYSIS REPORT:



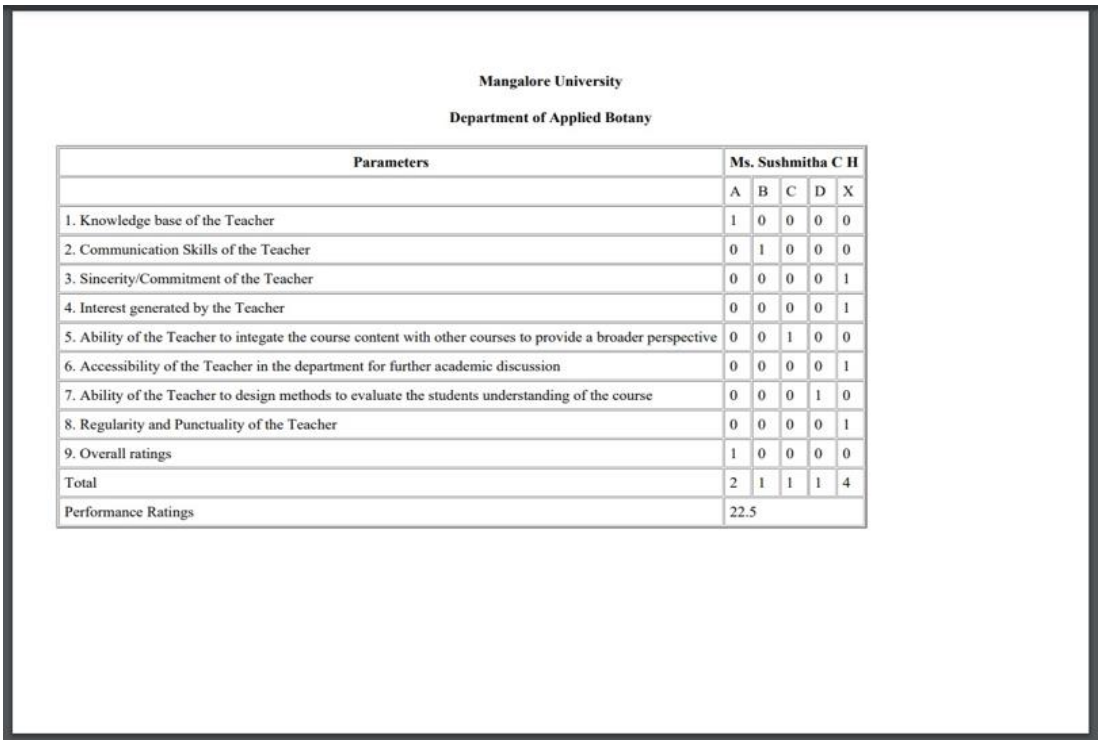
Mangalore University

Department of Applied Botany

Parameters	Dr. Krishnakumar G				
	A	B	C	D	X
1. Knowledge base of the Teacher	1	0	0	0	0
2. Communication Skills of the Teacher	0	0	0	0	1
3. Sincerity/Commitment of the Teacher	0	0	0	0	1
4. Interest generated by the Teacher	0	0	0	0	1
5. Ability of the Teacher to integate the course content with other courses to provide a broader perspective	0	0	0	0	1
6. Accessibility of the Teacher in the department for further academic discussion	0	1	0	0	0
7. Ability of the Teacher to design methods to evaluate the students understanding of the course	0	0	0	0	1
8. Regularity and Punctuality of the Teacher	0	0	0	0	1
9. Overall ratings	0	0	1	0	0
Total	1	1	1	0	6
Performance Ratings	22.5				

Figure 6.14 PERMANENT FACULTY'S ANALYSIS REPORT

GUEST FACULTY'S ANALYSIS REPORT:



Mangalore University

Department of Applied Botany

Parameters	Ms. Sushmitha C H				
	A	B	C	D	X
1. Knowledge base of the Teacher	1	0	0	0	0
2. Communication Skills of the Teacher	0	1	0	0	0
3. Sincerity/Commitment of the Teacher	0	0	0	0	1
4. Interest generated by the Teacher	0	0	0	0	1
5. Ability of the Teacher to integate the course content with other courses to provide a broader perspective	0	0	1	0	0
6. Accessibility of the Teacher in the department for further academic discussion	0	0	0	0	1
7. Ability of the Teacher to design methods to evaluate the students understanding of the course	0	0	0	1	0
8. Regularity and Punctuality of the Teacher	0	0	0	0	1
9. Overall ratings	1	0	0	0	0
Total	2	1	1	1	4
Performance Ratings	22.5				

Figure 6.15 GUEST FACULTY'S ANALYSIS REPORT

REPORT GENERATION FOR QUESTIONAIRE3:

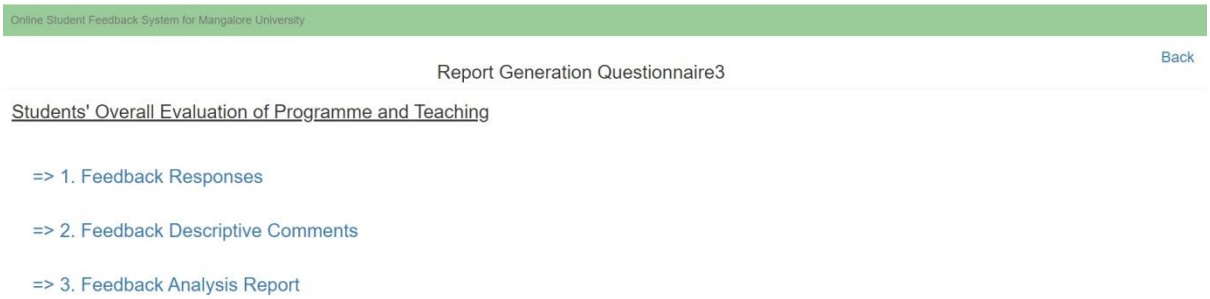
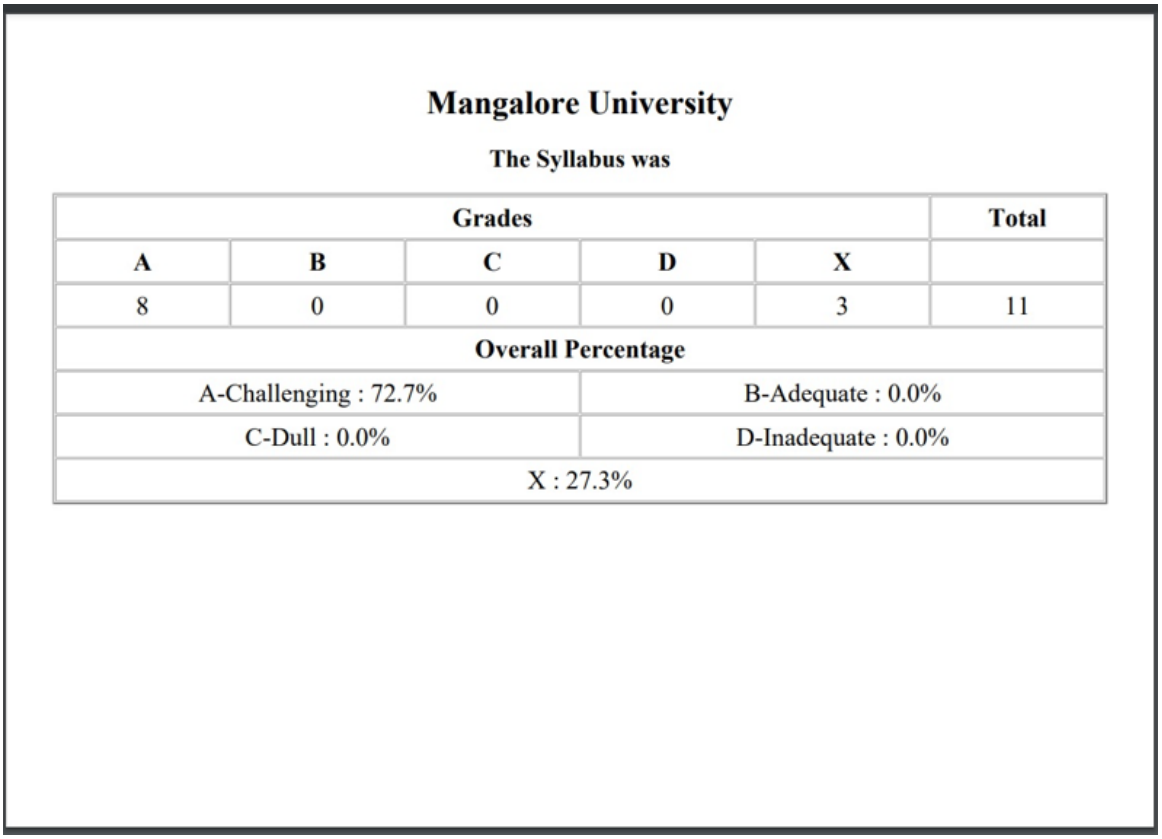


Figure 6.16 REPORT GENERATION FOR QUESTIONAIRE3

FEEDBACK RESPONSES:



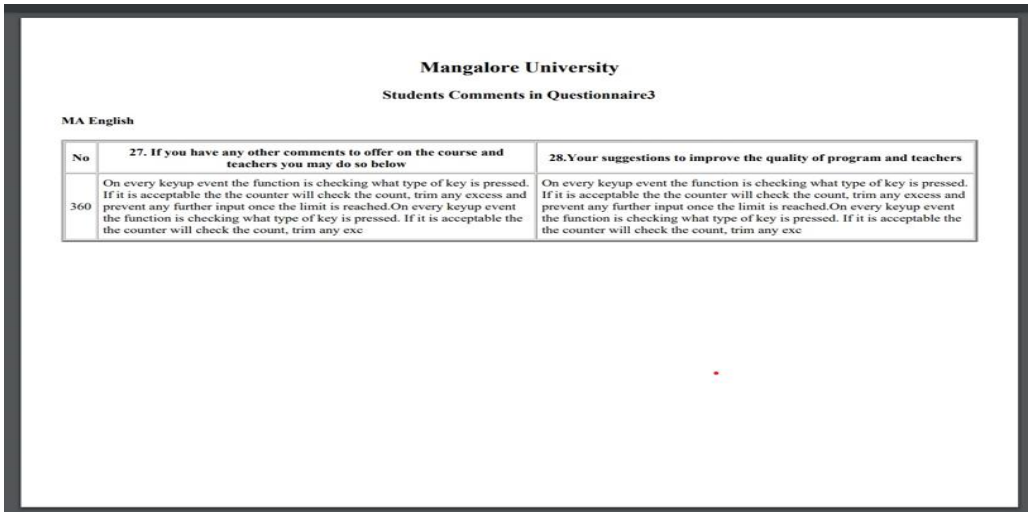
Mangalore University

The Syllabus was

Grades					Total
A	**B**	**C**	**D**	**X**	
8	0	0	0	3	11
Overall Percentage					
A-Challenging : 72.7%			B-Adequate : 0.0%		
C-Dull : 0.0%			D-Inadequate : 0.0%		
X : 27.3%					

Figure 6.17 FEEDBACK RESPONSES

FEEDBACK DESCRIPTIVE COMMENTS:



Mangalore University

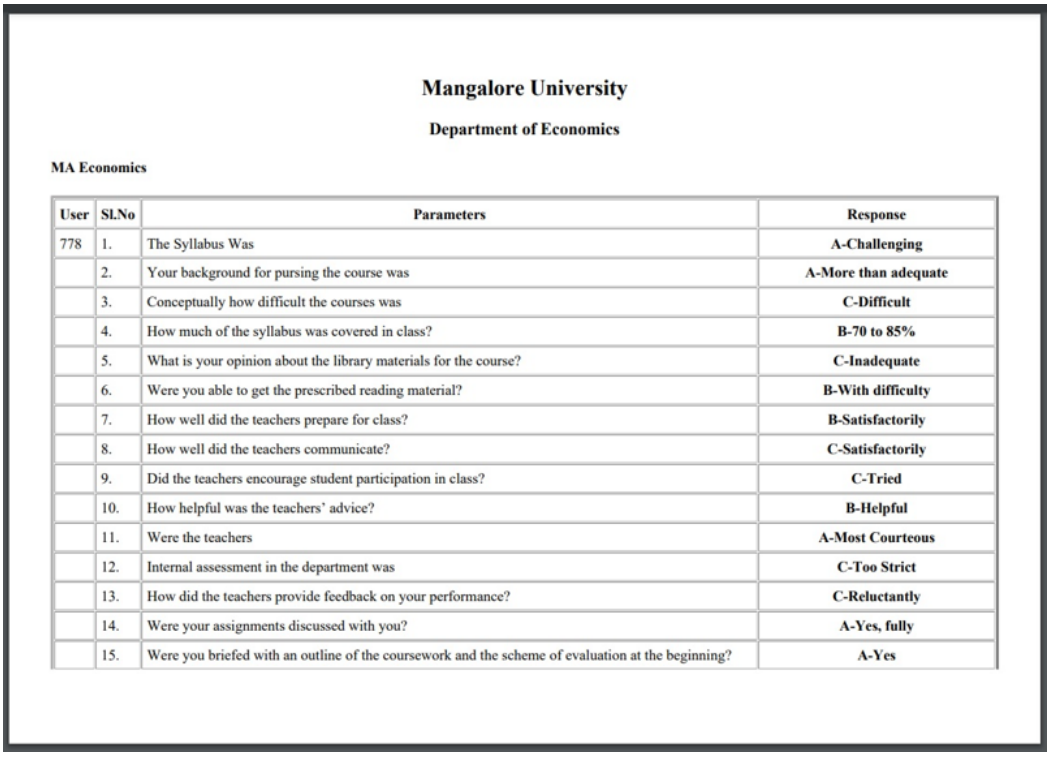
Students Comments in Questionnaire3

MA English

No	27. If you have any other comments to offer on the course and teachers you may do so below	28.Your suggestions to improve the quality of program and teachers
360	On every keyup event the function is checking what type of key is pressed. If it is acceptable the the counter will check the count, trim any excess and prevent any further input once the limit is reached.On every keyup event the function is checking what type of key is pressed. If it is acceptable the the counter will check the count, trim any exc	On every keyup event the function is checking what type of key is pressed. If it is acceptable the the counter will check the count, trim any excess and prevent any further input once the limit is reached.On every keyup event the function is checking what type of key is pressed. If it is acceptable the the counter will check the count, trim any exc

Figure 6.18 FEEDBACK DESCRIPTIVE COMMENTS

FEEDBACK ANALYSIS REPORT:



Mangalore University

Department of Economics

MA Economics

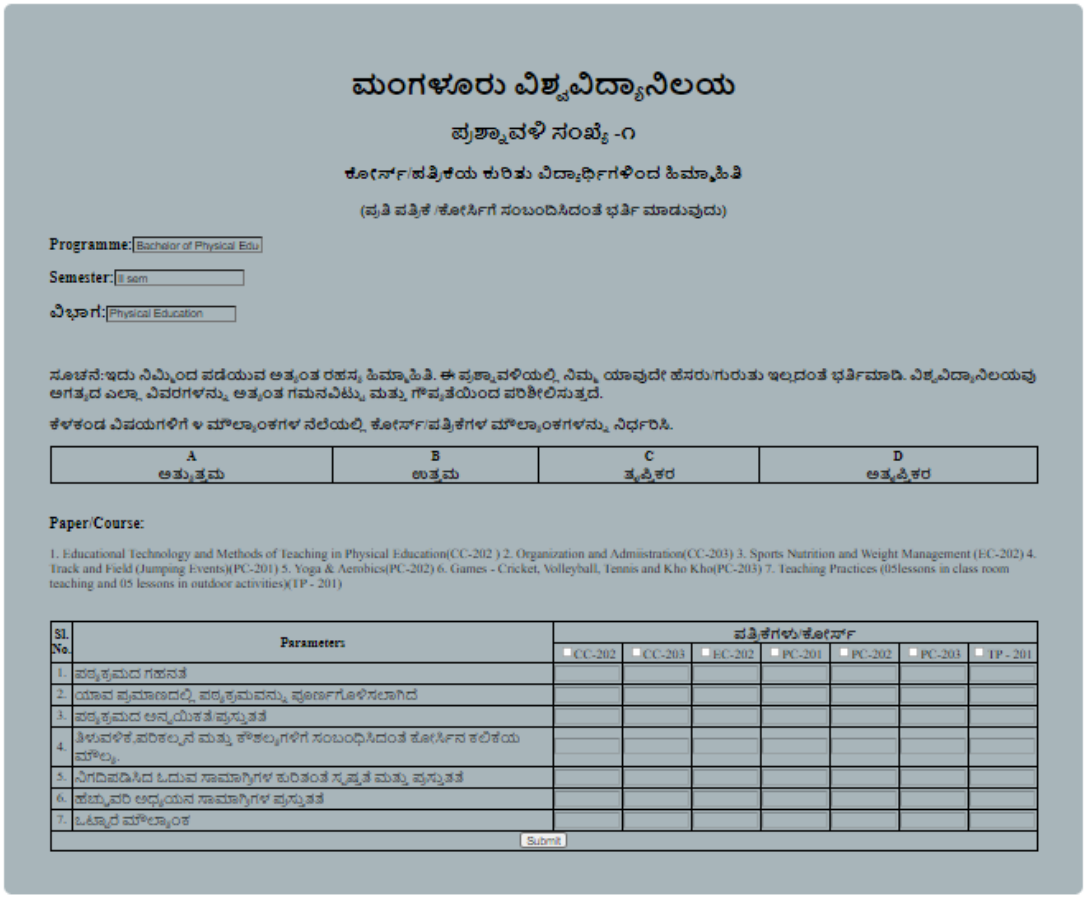
User	SLNo	Parameters	Response
778	1.	The Syllabus Was	**A-Challenging**
	2.	Your background for pursing the course was	**A-More than adequate**
	3.	Conceptually how difficult the courses was	**C-Difficult**
	4.	How much of the syllabus was covered in class?	**B-70 to 85%**
	5.	What is your opinion about the library materials for the course?	**C-Inadequate**
	6.	Were you able to get the prescribed reading material?	**B-With difficulty**
	7.	How well did the teachers prepare for class?	**B-Satisfactorily**
	8.	How well did the teachers communicate?	**C-Satisfactorily**
	9.	Did the teachers encourage student participation in class?	**C-Tried**
	10.	How helpful was the teachers' advice?	**B-Helpful**
	11.	Were the teachers	**A-Most Courteous**
	12.	Internal assessment in the department was	**C-Too Strict**
	13.	How did the teachers provide feedback on your performance?	**C-Reluctantly**
	14.	Were your assignments discussed with you?	**A-Yes, fully**
	15.	Were you briefed with an outline of the coursework and the scheme of evaluation at the beginning?	**A-Yes**

Figure 6.19 FEEDBACK ANALYSIS REPORT

User login page: User must first login to use the User Id and Password.

Figure 6.21 User login page

Questionnaire 1: After the user login questionnaire 1 will display.



ಮಂಗಳೂರು ವಿಶ್ವವಿದ್ಯಾನಿಲಯ

ಪ್ರಶ್ನಾವಳಿ ಸಂಖ್ಯೆ -೧

ಕೋರ್ಸ್/ಪತ್ರಿಕೆಯ ಕುರಿತು ವಿದ್ಯಾರ್ಥಿಗಳಿಂದ ಹಿಮ್ಮಾಹಿತಿ

(ಪ್ರತಿ ಪತ್ರಿಕೆ /ಕೋರ್ಸಿಗೆ ಸಂಬಂದಿಸಿದಂತೆ ಭರ್ತಿ ಮಾಡುವುದು)

Programme: Bachelor of Physical Edu

Semester: II sem

ವಿಭಾಗ: Physical Education

ಸೂಚನೆ:ಇದು ನಿಮ್ಮಿಂದ ಪಡೆಯುವ ಅತ್ಯಂತ ರಹಸ್ಯ ಹಿಮ್ಮಾಹಿತಿ. ಈ ಪ್ರಶ್ನಾವಳಿಯಲ್ಲಿ ನಿಮ್ಮ ಯಾವುದೇ ಹೆಸರು/ಗುರುತು ಇಲ್ಲದಂತೆ ಭರ್ತಿಮಾಡಿ. ವಿಶ್ವವಿದ್ಯಾನಿಲಯವು ಅಗತ್ಯದ ಎಲ್ಲಾ ವಿವರಗಳನ್ನು ಅತ್ಯಂತ ಗಮನವಿಟ್ಟು ಮತ್ತು ಗೌಪ್ಯತೆಯಿಂದ ಪರಿಶೀಲಿಸುತ್ತದೆ.

ಕೆಳಕಂಡ ವಿಷಯಗಳಿಗೆ ೪ ಮೌಲ್ಯಾಂಕಗಳ ನೆಲೆಯಲ್ಲಿ ಕೋರ್ಸ್/ಪತ್ರಿಕೆಗಳ ಮೌಲ್ಯಾಂಕಗಳನ್ನು ನಿರ್ಧರಿಸಿ.

A ಅತ್ಯುತ್ತಮ	B ಉತ್ತಮ	C ತೃಪ್ತಿಕರ	D ಅತೃಪ್ತಿಕರ

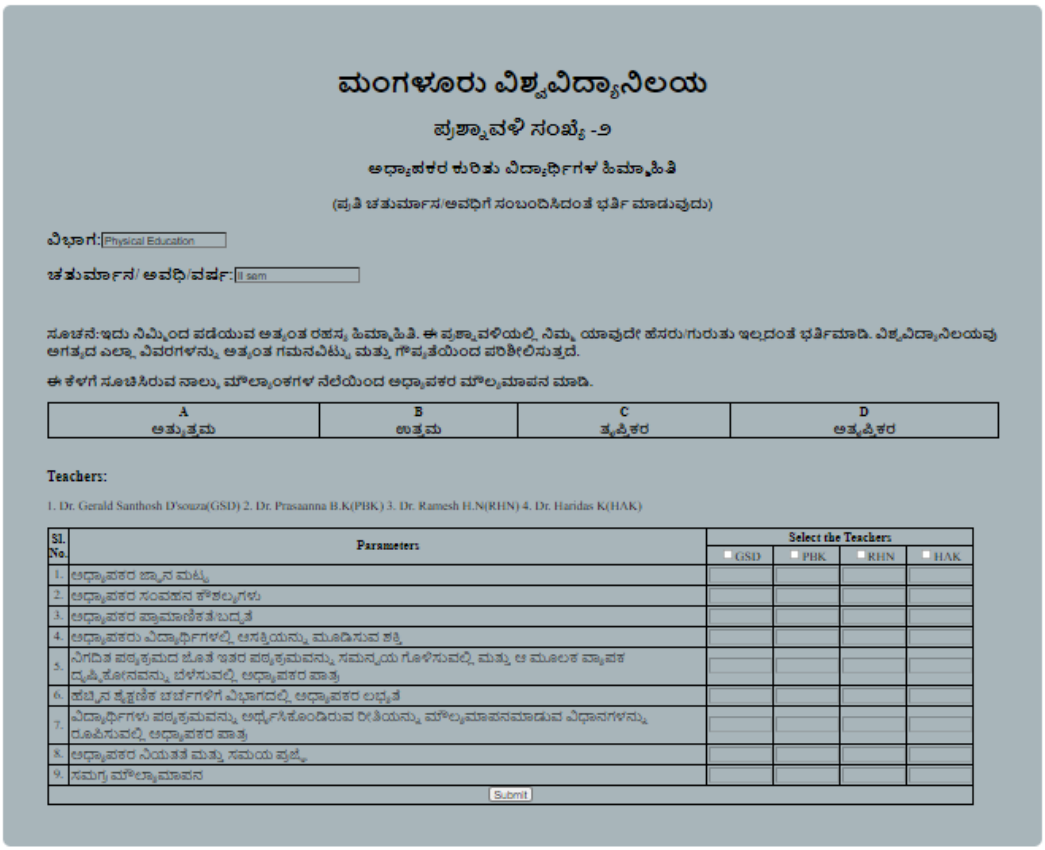
Paper/Course:

1. Educational Technology and Methods of Teaching in Physical Education(CC-202) 2. Organization and Administration(CC-203) 3. Sports Nutrition and Weight Management (EC-202) 4. Track and Field (Jumping Events)(PC-201) 5. Yoga & Aerobics(PC-202) 6. Games - Cricket, Volleyball, Tennis and Kho Kho(PC-203) 7. Teaching Practices (05lessons in class room teaching and 05 lessons in outdoor activities)(TP - 201)

Sl. No.	Parameters	ಪತ್ರಿಕೆಗಳು/ಕೋರ್ಸ್						
		CC-202	CC-203	EC-202	PC-201	PC-202	PC-203	TP - 201
1.	ಪಠ್ಯಕ್ರಮದ ಗಹನತೆ							
2.	ಯಾವ ಪ್ರಮಾಣದಲ್ಲಿ ಪಠ್ಯಕ್ರಮವನ್ನು ಪೂರ್ಣಗೊಳಿಸಲಾಗಿದೆ							
3.	ಪಠ್ಯಕ್ರಮದ ಅನ್ವಯಿಕತೆ/ಪ್ರಸ್ತುತತೆ							
4.	ತಿಳುವಳಿಕೆ,ಪರಿಕಲ್ಪನೆ ಮತ್ತು ಕೌಶಲ್ಯಗಳಿಗೆ ಸಂಬಂಧಿಸಿದಂತೆ ಕೋರ್ಸಿನ ಕಲಿಕೆಯ ಮೌಲ್ಯ.							
5.	ನಿಗದಿಪಡಿಸಿದ ಓದುವ ಸಾಮಾಗ್ರಿಗಳ ಕುರಿತಂತೆ ಸ್ಪಷ್ಟತೆ ಮತ್ತು ಪ್ರಸ್ತುತತೆ							
6.	ಹೆಚ್ಚುವರಿ ಅಧ್ಯಯನ ಸಾಮಾಗ್ರಿಗಳ ಪ್ರಸ್ತುತತೆ							
7.	ಒಟ್ಟಾರೆ ಮೌಲ್ಯಾಂಕ							
Submit								

Figure 6.22 Questionnaire 1

Questionnaire 2: After the submission of questionnaire 1 if the user has permanent faculty, then questionnaire 2 will display.



ಮಂಗಳೂರು ವಿಶ್ವವಿದ್ಯಾನಿಲಯ

ಪ್ರಶ್ನಾವಳಿ ಸಂಖ್ಯೆ -೨

ಅಧ್ಯಾಪಕರ ಕುರಿತು ವಿದ್ಯಾರ್ಥಿಗಳ ಹಿಮ್ಮಾಹಿತಿ

(ಪ್ರತಿ ಚತುರ್ಮಾಸ/ಅವಧಿಗೆ ಸಂಬಂದಿಸಿದಂತೆ ಭರ್ತಿ ಮಾಡುವುದು)

ವಿಭಾಗ:Physical Education

ಚತುರ್ಮಾನ/ ಅವಧಿ/ವರ್ಷ:II sem

ಸೂಚನೆ:ಇದು ನಿಮ್ಮಿಂದ ಪಡೆಯುವ ಅತ್ಯಂತ ರಹಸ್ಯ ಹಿಮ್ಮಾಹಿತಿ. ಈ ಪ್ರಶ್ನಾವಳಿಯಲ್ಲಿ ನಿಮ್ಮ ಯಾವುದೇ ಹೆಸರು/ಗುರುತು ಇಲ್ಲದಂತೆ ಭರ್ತಿಮಾಡಿ. ವಿಶ್ವವಿದ್ಯಾನಿಲಯವು ಅಗತ್ಯದ ಎಲ್ಲಾ ವಿವರಗಳನ್ನು ಅತ್ಯಂತ ಗಮನವಿಟ್ಟು ಮತ್ತು ಗೌಪ್ಯತೆಯಿಂದ ಪರಿಶೀಲಿಸುತ್ತದೆ.

ಈ ಕೆಳಗೆ ಸೂಚಿಸಿರುವ ನಾಲ್ಕು ಮೌಲ್ಯಾಂಕಗಳ ನೆಲೆಯಿಂದ ಅಧ್ಯಾಪಕರ ಮೌಲ್ಯಮಾಪನ ಮಾಡಿ.

A ಅತ್ಯುತ್ತಮ	B ಉತ್ತಮ	C ತೃಪ್ತಿಕರ	D ಅತೃಪ್ತಿಕರ

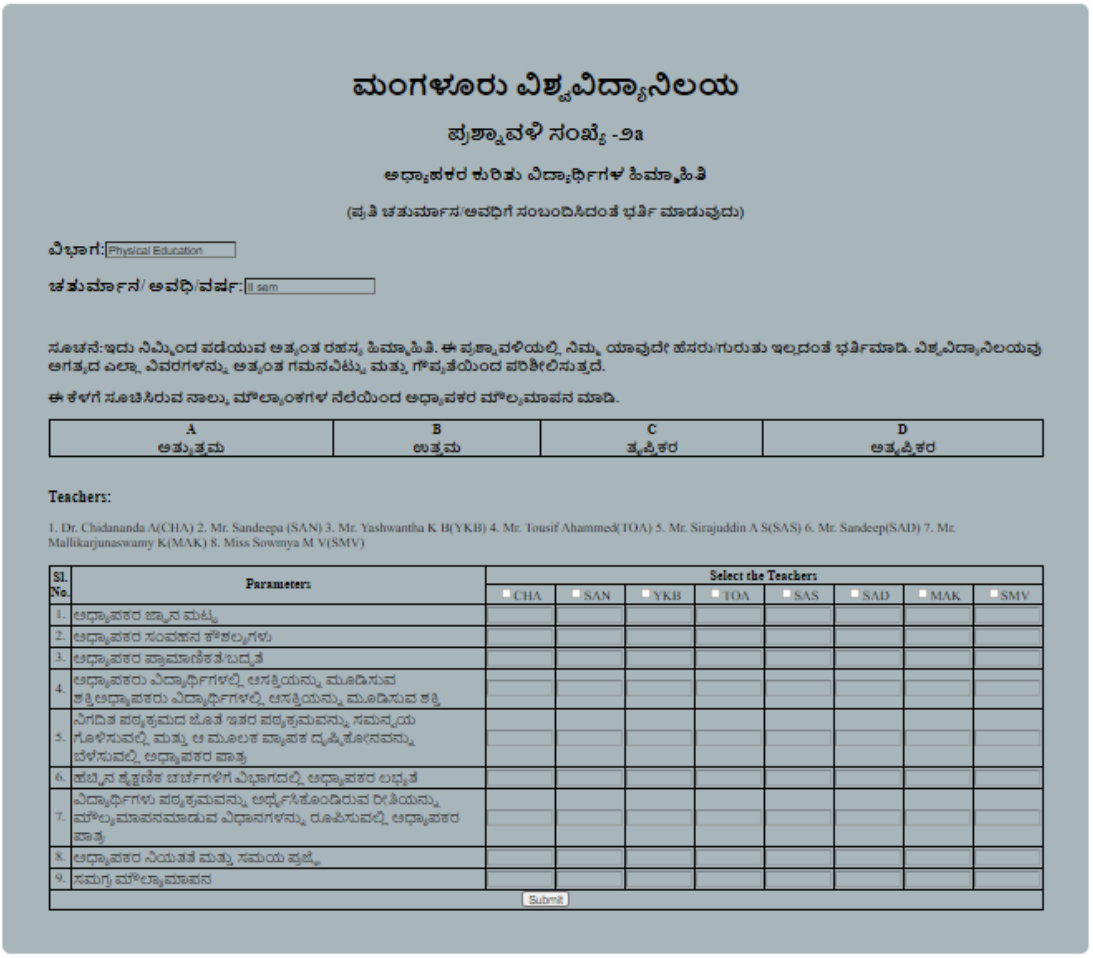
Teachers:

1. Dr. Gerald Santhosh D'souza(GSD) 2. Dr. Prasanna B.K(PBK) 3. Dr. Ramesh H.N(RHN) 4. Dr. Haridas K(HAK)

Sl. No.	Parameters	Select the Teachers			
		GSD	PBK	RHN	HAK
1.	ಅಧ್ಯಾಪಕರ ಜ್ಞಾನ ಮಟ್ಟ				
2.	ಅಧ್ಯಾಪಕರ ಸಂವಹನ ಕೌಶಲ್ಯಗಳು				
3.	ಅಧ್ಯಾಪಕರ ಪ್ರಾಮಾಣಿಕತೆ/ಬದ್ಧತೆ				
4.	ಅಧ್ಯಾಪಕರು ವಿದ್ಯಾರ್ಥಿಗಳಲ್ಲಿ ಆಸಕ್ತಿಯನ್ನು ಮೂಡಿಸುವ ಶಕ್ತಿ				
5.	ನಿಗದಿತ ಪಠ್ಯಕ್ರಮದ ಜೊತೆ ಇತರ ಪಠ್ಯಕ್ರಮವನ್ನು ಸಮನ್ವಯ ಗೊಳಿಸುವಲ್ಲಿ ಮತ್ತು ಆ ಮೂಲಕ ವ್ಯಾಪಕ ದೃಷ್ಟಿಕೋನವನ್ನು ಬೆಳೆಸುವಲ್ಲಿ ಅಧ್ಯಾಪಕರ ಪಾತ್ರ				
6.	ಹಬ್ಬಿನ ಶೈಕ್ಷಣಿಕ ಚರ್ಚೆಗಳಿಗೆ ವಿಭಾಗದಲ್ಲಿ ಅಧ್ಯಾಪಕರ ಲಭ್ಯತೆ				
7.	ವಿದ್ಯಾರ್ಥಿಗಳು ಪಠ್ಯಕ್ರಮವನ್ನು ಅರ್ಥೈಸಿಕೊಂಡಿರುವ ರೀತಿಯನ್ನು ಮೌಲ್ಯಮಾಪನಮಾಡುವ ವಿಧಾನಗಳನ್ನು ರೂಪಿಸುವಲ್ಲಿ ಅಧ್ಯಾಪಕರ ಪಾತ್ರ				
8.	ಅಧ್ಯಾಪಕರ ನಿಯತತೆ ಮತ್ತು ಸಮಯ ಪ್ರಜ್ಞೆ				
9.	ಸಮಗ್ರ ಮೌಲ್ಯಮಾಪನ				
	Submit				

Figure 6.23 Questionnaire 2

Questionnaire 2a: After the submission of questionnaire 2 if the user has guest faculty, then questionnaire 2a will display.



ಮಂಗಳೂರು ವಿಶ್ವವಿದ್ಯಾನಿಲಯ

ಪ್ರಶ್ನಾವಳಿ ಸಂಖ್ಯೆ -೨a

ಅಧ್ಯಾಪಕರ ಕುರಿತು ವಿದ್ಯಾರ್ಥಿಗಳ ಹಿಮ್ಮಾಹಿತಿ

(ಪ್ರತಿ ಚತುರ್ಮಾಸ/ಅವಧಿಗೆ ಸಂಬಂದಿಸಿದಂತೆ ಭರ್ತಿ ಮಾಡುವುದು)

ವಿಭಾಗ: Physical Education

ಚತುರ್ಮಾನ/ ಅವಧಿ/ವರ್ಷ: II sem

ಸೂಚನೆ:ಇದು ನಿಮ್ಮಿಂದ ಪಡೆಯುವ ಅತ್ಯಂತ ರಹಸ್ಯ ಹಿಮ್ಮಾಹಿತಿ. ಈ ಪ್ರಶ್ನಾವಳಿಯಲ್ಲಿ ನಿಮ್ಮ ಯಾವುದೇ ಹೆಸರು/ಗುರುತು ಇಲ್ಲದಂತೆ ಭರ್ತಿಮಾಡಿ. ವಿಶ್ವವಿದ್ಯಾನಿಲಯವು ಅಗತ್ಯದ ಎಲ್ಲಾ ವಿವರಗಳನ್ನು ಅತ್ಯಂತ ಗಮನವಿಟ್ಟು ಮತ್ತು ಗೌಪ್ಯತೆಯಿಂದ ಪರಿಶೀಲಿಸುತ್ತದೆ.

ಈ ಕೆಳಗೆ ಸೂಚಿಸಿರುವ ನಾಲ್ಕು ಮೌಲ್ಯಾಂಕಗಳ ನೆಲೆಯಿಂದ ಅಧ್ಯಾಪಕರ ಮೌಲ್ಯಮಾಪನ ಮಾಡಿ.

A ಅತ್ಯುತ್ತಮ	B ಉತ್ತಮ	C ತೃಪ್ತಿಕರ	D ಅತೃಪ್ತಿಕರ

Teachers:

1. Dr. Chidananda A(CHA) 2. Mr. Sandeepa (SAN) 3. Mr. Yashwantha K B(YKB) 4. Mr. Tousif Ahammed(TOA) 5. Mr. Sirajuddin A S(SAS) 6. Mr. Sandeep(SAD) 7. Mr. Mallikarjunaswamy K(MAK) 8. Miss Sowmya M V(SMV)

Sl. No.	Parameters	Select the Teachers							
		CHA	SAN	YKB	TOA	SAS	SAD	MAK	SMV
1.	ಅಧ್ಯಾಪಕರ ಜ್ಞಾನ ಮಟ್ಟ								
2.	ಅಧ್ಯಾಪಕರ ಸಂವಹನ ಕೌಶಲ್ಯಗಳು								
3.	ಅಧ್ಯಾಪಕರ ಪ್ರಾಮಾಣಿಕತೆ/ಬದ್ಧತೆ								
4.	ಅಧ್ಯಾಪಕರು ವಿದ್ಯಾರ್ಥಿಗಳಲ್ಲಿ ಆಸಕ್ತಿಯನ್ನು ಮೂಡಿಸುವ ಶಕ್ತಿಅಧ್ಯಾಪಕರು ವಿದ್ಯಾರ್ಥಿಗಳಲ್ಲಿ ಆಸಕ್ತಿಯನ್ನು ಮೂಡಿಸುವ ಶಕ್ತಿ								
5.	ನಿಗದಿತ ಪಠ್ಯಕ್ರಮದ ಜೊತೆ ಇತರ ಪಠ್ಯಕ್ರಮವನ್ನು ಸಮನ್ವಯ ಗೊಳಿಸುವಲ್ಲಿ ಮತ್ತು ಆ ಮೂಲಕ ವ್ಯಾಪಕ ದೃಷ್ಟಿಕೋನವನ್ನು ಬೆಳೆಸುವಲ್ಲಿ ಅಧ್ಯಾಪಕರ ಪಾತ್ರ								
6.	ಹಬ್ಬಿನ ತೃಕ್ಷಣಿಕ ಚರ್ಚೆಗಳಿಗೆ ವಿಭಾಗದಲ್ಲಿ ಅಧ್ಯಾಪಕರ ಲಭ್ಯತೆ								
7.	ವಿದ್ಯಾರ್ಥಿಗಳು ಪಠ್ಯಕ್ರಮವನ್ನು ಅರ್ಥೈಸಿಕೊಂಡಿರುವ ರೀತಿಯನ್ನು ಮೌಲ್ಯಮಾಪನಮಾಡುವ ವಿಧಾನಗಳನ್ನು ರೂಪಿಸುವಲ್ಲಿ ಅಧ್ಯಾಪಕರ ಪಾತ್ರ								
8.	ಅಧ್ಯಾಪಕರ ನಿಯತತೆ ಮತ್ತು ಸಮಯ ಪ್ರಜ್ಞೆ								
9.	ಸಮಗ್ರ ಮೌಲ್ಯಮಾಪನ								
	Submit								

Figure 6.24 Questionnaire 2a

Questionnaire 3: After the submission of questionnaire2a then questionnaire 3 will display.

ಮಂಗಳೂರು ವಿಶ್ವವಿದ್ಯಾನಿಲಯ

ಪ್ರಶ್ನಾವಳಿ-೩

ಅಧ್ಯಾಪನ ಮತ್ತು ಪ್ರೋಗ್ರಾಮಿನ ಕುರಿತು ವಿದ್ಯಾರ್ಥಿಗಳ ಸಮಗ್ರ ಮೌಲ್ಯಮಾಪನ

(ಪ್ರೋಗ್ರಾಮಿನ ಕೊನೆಯಲ್ಲಿ ಭರ್ತಿಮಾಡುವುದು)

Department: Physical Education Programme: Bachelor of Physical Edu Year: IV sem

ನಿಮ್ಮ ಕೋರ್ಸ್ ನ ಫಲಿತಾಂಶ ಪ್ರಕ್ರಿಯೆ ಅಂತಿಮಗೊಂಡು, ದಾಖಲುಗೊಳಿಸಿದ ಬಳಿಕ ಮಾತ್ರ ನಿಮ್ಮ ಪ್ರತಿಕ್ರಿಯೆಗಳನ್ನು ಗಮನಿಸಲಾಗುವುದು. ಭವಿಷ್ಯದಲ್ಲಿ ಕೋರ್ಸ್ ಮತ್ತು ಅಧ್ಯಾಪನದ ಮೌಲ್ಯವನ್ನು ಉತ್ತಮಗೊಳಿಸುವಲ್ಲಿ ಮಾತ್ರ ಈ ಮಾಹಿತಿಯನ್ನು ಬಳಸಿಕೊಳ್ಳಲಾಗುವುದು.

1.ಪಾಠದ ವಿಷಯದ ಸ್ಪಷ್ಟತೆ ಹೇಗಿದೆ.

ಸಂತೋಷದಾಯಕ ಸಮರ್ಪಕ ನಿರಾಶದಾಯಕ ಅಸಮರ್ಪಕ

2.ಈ ಕೋರ್ಸ್ ನ್ನು ಅಯ್ಕೆಮಾಡಿಕೊಳ್ಳುವಲ್ಲಿ ನಿಮ್ಮ ಹಿನ್ನೆಲೆ

ಸಾಕಷ್ಟು ಸಮರ್ಪಕ ಆಗಾಗ್ಗೆ ತಪ್ಪಿದ್ದು ಸಮರ್ಪಕ ಅಸಮರ್ಪಕ

3.ಪರೀಕ್ಷಾ ದೃಷ್ಟಿಯಿಂದ ಕೋರ್ಸ್ ವಿಷಯವಸ್ತುವಿಗೆ ಕೊಟ್ಟಸಮಯವು ?

ಸುಂದರ ನಿರೀಕ್ಷೆಯಷ್ಟು ಮಟ್ಟಿಗೆ ಕಡಿಮೆ ಅತ್ಯಂತ ಕಡಿಮೆ

4.ತರಗತಿ ಬೋಧನೆಯಲ್ಲಿ ಎಷ್ಟು ಭಾಗದಷ್ಟು ಪ್ರಯೋಗಗೊಳಿಸಲಾಗಿದೆ?

೭೫ ರಿಂದ ೧೦೦% ೫೦ ರಿಂದ ೭೫% ೨೫ ರಿಂದ ೫೦% ೨೫% ಕ್ಕಿಂತ ಕಡಿಮೆ

5.ನಿಮ್ಮ ಕೋರ್ಸ್ ಗೆ ಸಂಬಂಧಿಸಿದಂತೆ ಗ್ರಂಥಾಲಯ ಸಾಮಗ್ರಿಗಳ ಕುರಿತು ನಿಮ್ಮ ಅಭಿಪ್ರಾಯವೇನು?

ಅತ್ಯುತ್ತಮ ಸಮರ್ಪಕ ಅಸಮರ್ಪಕ ಏನೇನೂ ಸಾಲದು

6.ನಿಗದಿಪಡಿಸಿದ ಓದಿನ ಸಾಮಗ್ರಿಗಳನ್ನು, ನಿಮಗೆ ಪಠ್ಯವನ್ನು ನಿಮಗೆ ಸಾಧ್ಯವಾಯಿತೆ?

ಸುಲಭವಾಗಿ ಕಷ್ಟವಿಲ್ಲ ಬಹು ಕಷ್ಟವಾಗಿ ಎಂದಿಗೂ ಪಠ್ಯವನ್ನು ಸಾಧ್ಯವಾಗಿಲ್ಲ

7.ಅಧ್ಯಾಪಕರು ತರಗತಿಗೆ ಎಷ್ಟರ ಮಟ್ಟಿಗೆ ಸಿದ್ಧತೆ ನಡೆಸಿರುತ್ತಾರೆ?

ಸಂಪೂರ್ಣವಾಗಿ ಸ್ವಲ್ಪಮಟ್ಟಿಗೆ ನಿರ್ಲಕ್ಷ್ಯದಿಂದ ಏನೇನೂ ಸಾಲದು

8.ವಿಷಯವಸ್ತು, ಅಧ್ಯಾಪಕರು ಎಷ್ಟು ಚೆನ್ನಾಗಿ ಸಂವಹನಗೊಳಿಸಿರುತ್ತಾರೆ?

ಅತ್ಯುತ್ತಮವಾಗಿ ಪರಿಣಾಮಕಾರಿಯಾಗಿ ಸ್ವಲ್ಪಮಟ್ಟಿಗೆ ಏನೇನೂ ಸಾಲದು

9.ತರಗತಿಯಲ್ಲಿ ವಿದ್ಯಾರ್ಥಿಗಳ ಭಾಗವಹಿಸುವಿಕೆಯನ್ನು, ಅಧ್ಯಾಪಕರು ಪ್ರೋತ್ಸಾಹಿಸುತ್ತಾರೆಯೇ?

ಯಾವಾಗಲೂ ಕೆಲವೊಮ್ಮೆ, ಪಠ್ಯವಿಷಯಕ್ಕೆ ಸಿಲುಕಿದ್ದರೆ ಯಾವತ್ತೂ ಇಲ್ಲ,

10.ಅಧ್ಯಾಪಕರು ನೀಡುವ ಸಂಘಟನೆಗಳು ಅವಶ್ಯಕವೆ?

ಸುಂದರ ಅವಶ್ಯಕ ಅವಶ್ಯಕ ಕೆಲವೊಮ್ಮೆ, ಅವಶ್ಯಕ ನಿರುಪಯುಕ್ತ

Figure 6.25a Questionnaire 3

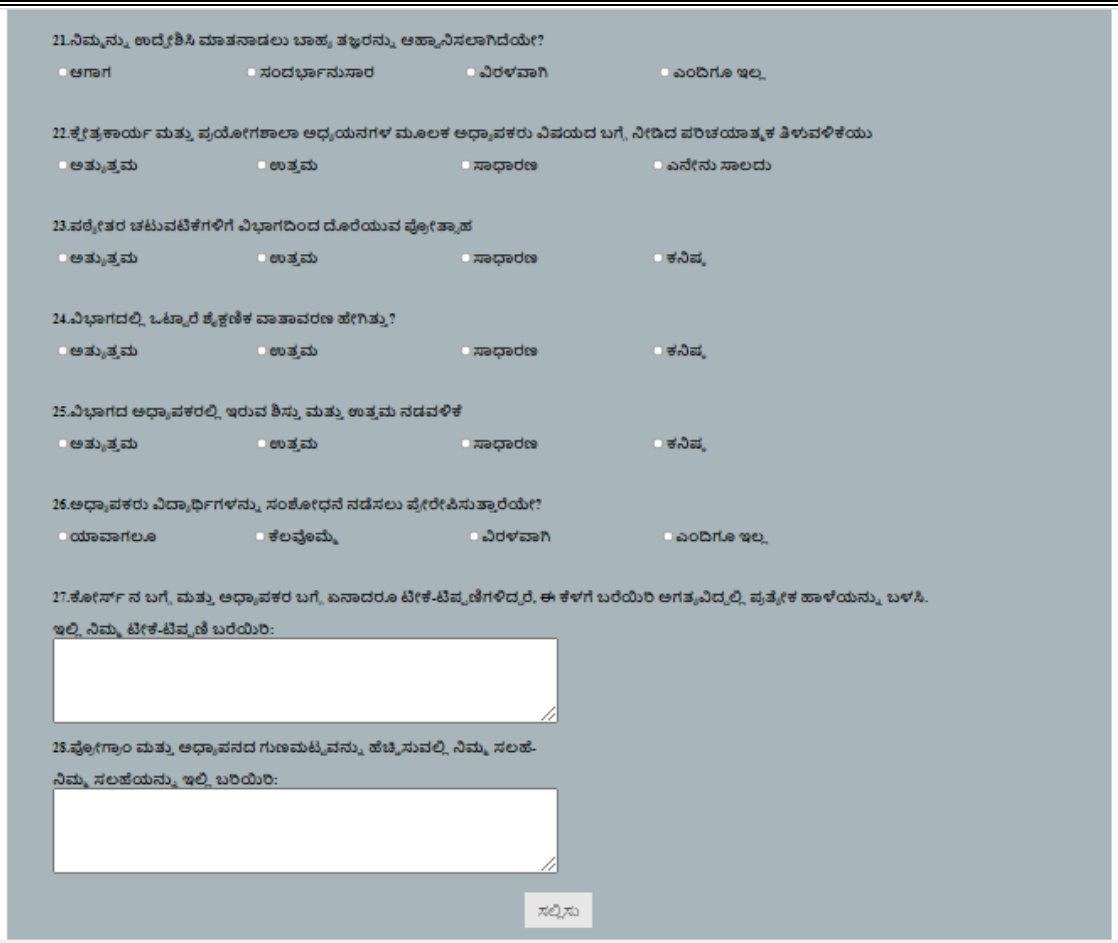


Figure 6.25b Questionnaire 3

CHAPTER 7
CONCLUSION AND FUTURE WORKS

CONCLUSION

The Student Feedback System portal is developed to facilitate easy processing of Feedback in educational institutions. And also, it is possible to freely submit the feedback without any hesitation. So, this portal overcomes all these limitations**.**

FUTURE WORKS

This project Student Feedback System has been developed in such a manner, that the future requirements of the user are met. The project is flexible to adapt the changes efficiently without affecting the present system. In future, there can be a provision to adjust the questions and to new student names and faculty and course through the admin portal.

As a future work the software must include student can get user id and password for login through email.

REFERENCES

1. https://www.w3schools.com/php/
2. http://freeproject24.com/php-free-online-feedback-system-with-source-code-freeproject24/
3. https://www.phptpoint.com/codeigniter-tutorial
4. https://www.tutorialswebsite.com/how-to-convert-html-to-pdf-in-codeigniter-using-dompdf-library/