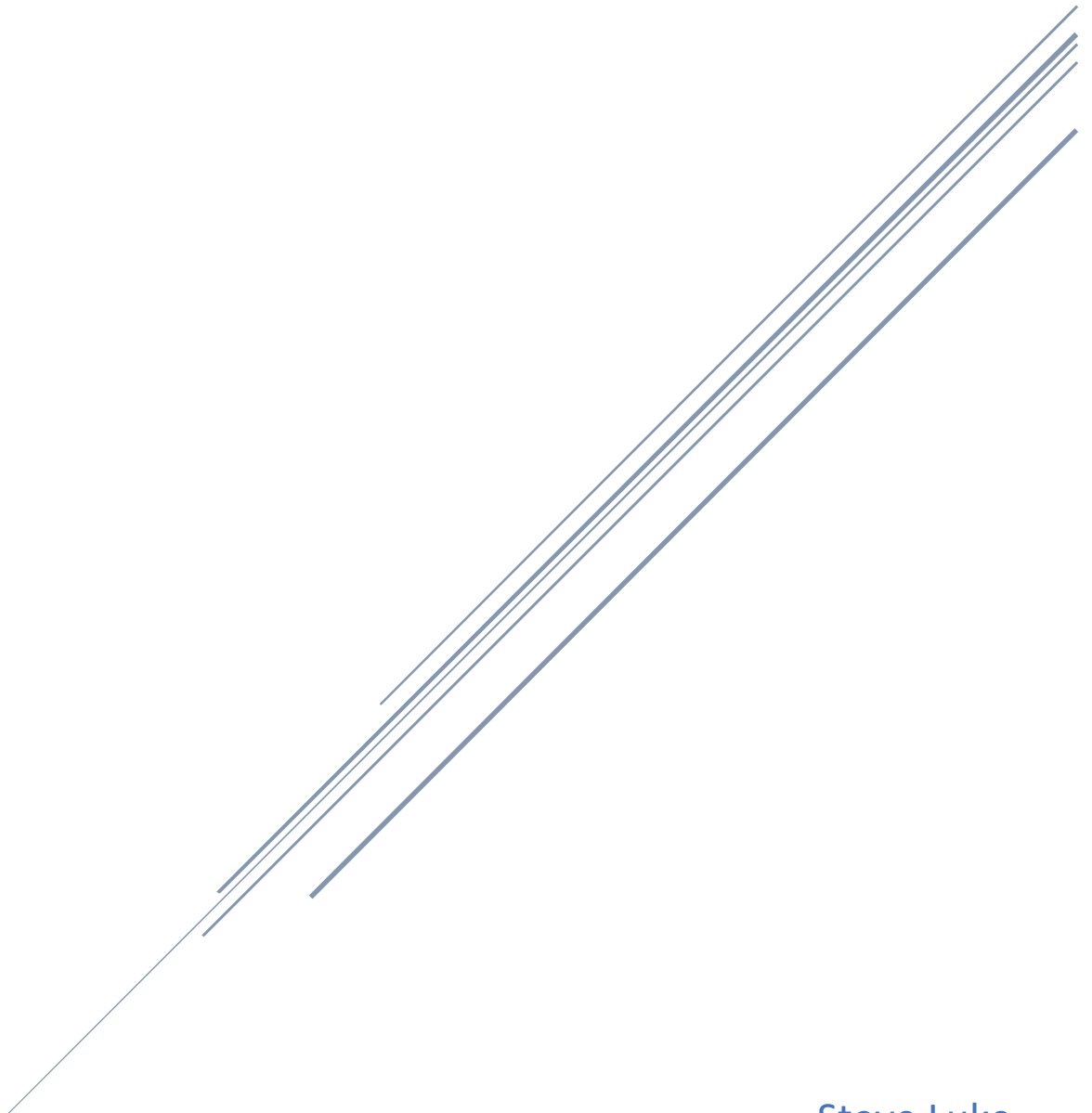


ERP FOR TEACHERS TO EVALUATE ASSIGNMENTS



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MCA - 57

Theme of the project

Enterprise Resource Planner (ERP) for Teachers to Evaluate Assignments is a PHP-based application to help teachers evaluate students. This project provides interactive platform between students and teachers to provide best and reliable services regarding student evaluation.

Students can attempt the assignment through the web portal. Students are added by the admin in the web portal.

Objective of the project

The objective of this project is to create a web application for evaluating students. In other words, we can say that our project has the following objectives:

- Make all the system computerized
- Reduce time consumption.
- Reduce error scope.
- All system managements are automated.
- Easy operations for operator of the system.
- No paperwork requirement.

Users of the project

This software has three users:

1. Administrator
2. Faculty
3. Student

Administrator

1. Login, logout, Change Password,
2. Can Add, update and delete professor and student
3. Can Add, edit, delete subject Schedule
4. Can add, update, and delete evaluation questions.
5. Can evaluate certain students per subject.
6. Can see the result.

Faculty

1. Login, logout, Change Password,
2. Can View scores of students per subject.

Student

1. Login, logout, Change Password,
2. Attempt Evaluation for specific Subjects.

Modules of the project

This ERP provides us facilities to manage the activities taking place in the system. This system is developed to manage the workflow in a system. There are 6 modules in this project. They are:

1. Student Management
2. Faculty Management
3. Subject Management
4. Class Management
5. Evaluation Criteria Management
6. Evaluation Questionnaire Management

3.1.1 Student Management

Student Management Module helps the admin to add new, remove and modify existing students in the system. Students are able to attempt an assignment after logging into their individual accounts. They can also login, logout and change password.

3.1.2 Faculty Management

Faculty Management Module helps the admin to add new, remove and modify existing faculties in the system. Faculty can view scores of their students after logging into their account. They can also login, logout and change password.

3.1.3 Subject Management

Subject Management Module helps the admin to add new, remove and modify existing subjects in the system. This module helps to distinguish between the different subjects having their own separate set of questions.

3.1.4 Class Management

Class Management Module helps the admin to add new, remove and modify existing classes in the system. This module is used for managing the different batches which are taught a faculty.

3.1.5 Evaluation Criteria Management

Evaluation Criteria Management Module helps the admin to add new, remove and modify existing evaluation criteria in the system. This module is used to set the criteria used for grading of the assignment submitted. Based on the criteria set, the system will be able to grade the student.

3.1.6 Evaluation Questionnaire Management

Evaluation Questionnaire Management Module helps the admin to add new, remove and modify existing Evaluation Questionnaires in the system. This module is used to manage the assignment questions that is given to a student.

Database structure

1. Table Name: class_list

Description: This table contains the details of classes.

Data Field	Data Type	Constraints	Description
class_id	int(30)	Primary Key	ID of Class
curriculum	varchar(50)	Not Null	Curriculum of Class
level	varchar(50)	Not Null	Level of Class
section	varchar(50)	Not Null	Section of Class

2. Table Name: criteria_list

Description: This table contains the details of the criteria.

Data Field	Data Type	Constraints	Description
criteria_id	int(30)	Primary Key	ID of Criteria
criteria	varchar(50)	Not Nul	Criteria Description
order_by	int(30)	Not Null	Order of Criteria

3. Table Name: evaluation_answers**Description:** This table contains the details of evaluation answers.

Data Field	Data Type	Constraints	Description
evaluation_id	int(30)	Primary Key	ID of Evaluation List
question_id	int(30)	Not Null	ID of Question List
rate	int(20)	Not Null	Rate of Evaluation Answer

4. Table Name: evaluation_list**Description:** This table contains the details of evaluations.

Data Field	Data Type	Constraints	Description
evaluation_id	int(30)	Primary Key	ID of Evaluation
class_id	int(30)	Foreign Key	ID of Class
student_id	int(30)	Foreign Key	ID of Student
subject_id	int(30)	Foreign Key	ID of Subject
faculty_id	int(30)	Foreign Key	ID of Faculty
date_taken	datetime	Not Null	Date

5. Table Name: faculty_list**Description:** This table contains the details of the faculties.

Data Field	Data Type	Constraints	Description
faculty_id	int(30)	Primary Key	ID of Faculty
school_id	varchar(100)	Not Null	ID of School
firstname	varchar(200)	Not Null	First Name of Faculty
lastname	varchar(200)	Not Null	Last Name of Faculty
email	varchar(200)	Not Null	Email of Faculty
password	varchar(20)	Not Null	Password of Faculty
avatar	varchar(50)	Not Null	Avatar of Faculty
date_created	datetime	Not Null	Date Created

6. Table Name: question_list**Description:** This table contains the details of the questions.

Data Field	Data Type	Constraints	Description
question_id	int(30)	Primary Key	ID of Question
question	varchar(50)	Not Null	Question
order_by	int(30)	Not Null	Order of Questions
criteria_id	int(30)	Foreign Key	ID of Criteria

7. Table Name: student_list**Description:** This table contains the details of the students.

Data Field	Data Type	Constraints	Description
student_id	int(30)	Primary Key	ID of Student
school_id	varchar(100)	Not Null	ID of School
firstname	varchar(200)	Not Null	First Name of Student
lastname	varchar(200)	Not Null	Last Name of Student
email	varchar(200)	Not Null	Email of Student
password	varchar(20)	Not Null	Password of Student
class_id	int(30)	Foreign Key	ID of Class
avatar	varchar(20)	Not Null	Avatar of Student
date_created	datetime	Not Null	Date Created

8. Table Name: subject_list**Description:** This table contains the details of the subjects.

Data Field	Data Type	Constraints	Description
subject_id	int(30)	Primary Key	ID of Subject
code	varchar(50)	Not Null	Code of Subject
subject	varchar(50)	Not Null	Name of Subject
description	varchar(50)	Not Null	Description of Subject

9. Table Name: users**Description:** This table contains the details of the users.

Data Field	Data Type	Constraints	Description
user_id	int(30)	Primary Key	ID of User
firstname	varchar(200)	Not Null	First Name of User
lastname	varchar(200)	Not Null	Last Name of User
email	varchar(200)	Not Null	Email of User
password	varchar(20)	Not Null	Password of User
avatar	varchar(50)	Not Null	Avatar of User
date_created	datetime	Not Null	Date Created

Report

Firefox

http://localhost:8080/eval/index.php?page=report&fid=1&rid=2

Evaluation Report

Faculty: George Wilson

Academic Year: 2020-2021 1st Semester

Class: BSIT 1 - B

Subject: ENG-101 - English

Total Student Evaluated: 1

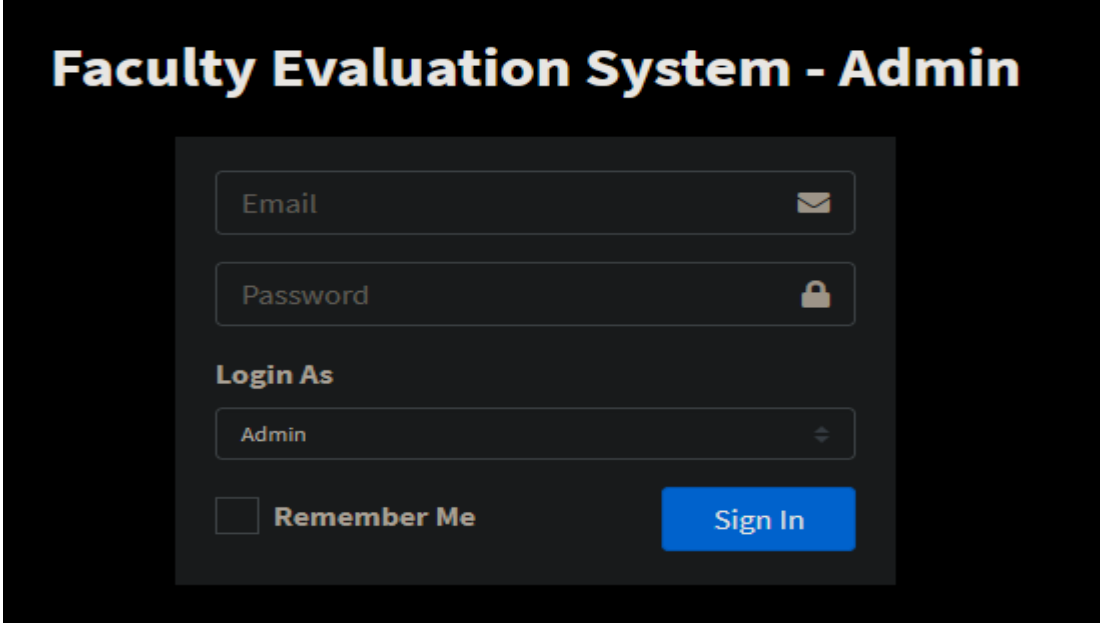
Rating Legend

5 = Strongly Agree, 4 = Agree, 3 = Uncertain, 2 = Disagree, 1 = Strongly Disagree

Criteria 101	1	2	3	4	5
Sample Question	-	-	-	-	100%
Sample 101	-	-	-	-	100%
Criteria 102	1	2	3	4	5
Test	-	-	-	100%	-

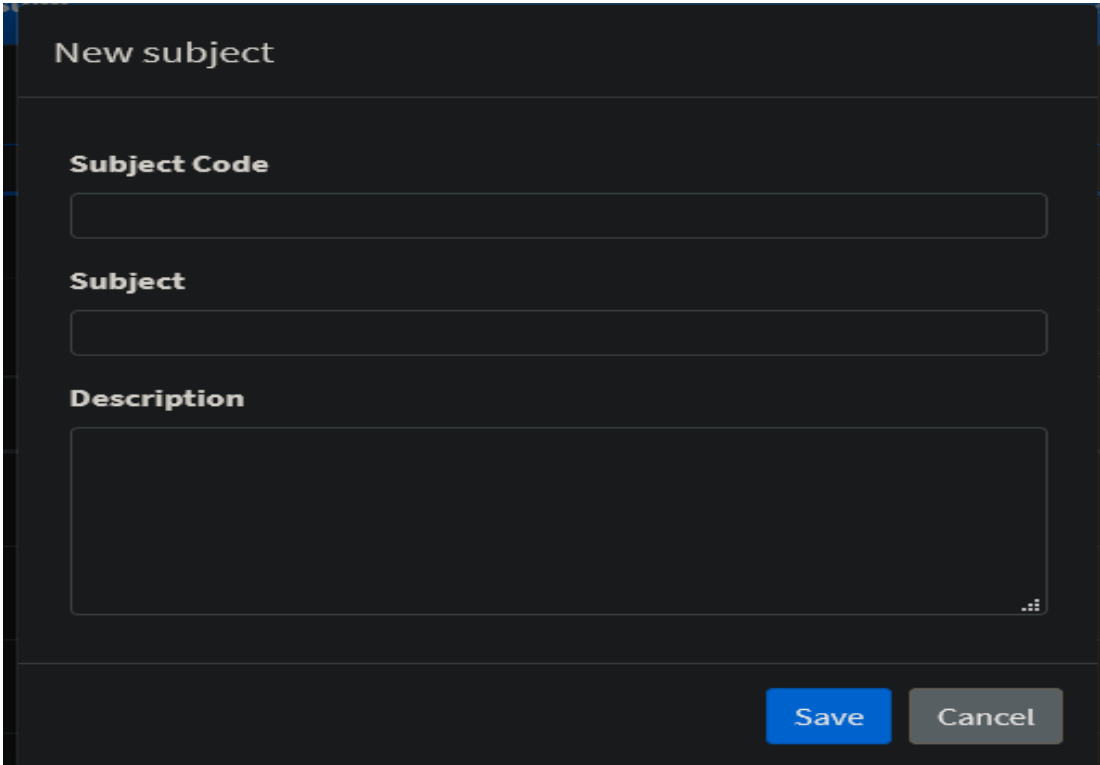
Forms

1. Login Form



The image shows a login form titled "Faculty Evaluation System - Admin". It features a dark background with white text and icons. The form includes an "Email" input field with an envelope icon, a "Password" input field with a lock icon, a "Login As" dropdown menu currently showing "Admin", a "Remember Me" checkbox, and a blue "Sign In" button.

2. Add New Subject Form



The image shows a form titled "New subject". It has a dark background with white text. The form includes three input fields: "Subject Code", "Subject", and "Description". The "Description" field is a larger text area. At the bottom right, there are two buttons: a blue "Save" button and a grey "Cancel" button.

3. Add New Class Form

New class

Curriculum

Year Level

Section

4. Add New Academic Year Form

New academic

Year

Semester

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5. Add New Question Form

Manage Questionnaire

Question Form

Criteria

Please select here ▼

Question

Save Cancel

Evaluation Questionnaire for Academic: 2020-2021 1st

Evaluation Restriction Save Order

Rating Legend

5 = Strongly Agree, 4 = Agree, 3 = Uncertain, 2 = Disagree, 1 = Strongly Disagree

Criteria 101	5	4	3	2	1
Sample Question	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Sample 101	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Criteria 102	5	4	3	2	1
Test	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

6. Add New Faculty Form

New Faculty

School ID

First Name

Last Name

Avatar

Choose file Browse

Avatar

Email

Password

Confirm Password

Save Cancel

7. Add New Student Form

New Student

School ID	<input type="text"/>	Email	<input type="text"/>
First Name	<input type="text"/>	Password	<input type="text"/>
Last Name	<input type="text"/>	Confirm Password	<input type="text"/>
Class	<input type="text" value="Please select here"/>		
Avatar	<div><input type="text" value="Choose file"/> <input type="button" value="Browse"/></div> <div>Avatar</div> <div></div>		
<div><input type="button" value="Save"/> <input type="button" value="Cancel"/></div>			

8. Add New User Form

New User

First Name	<input type="text"/>	Email	<input type="text"/>
Last Name	<input type="text"/>	Password	<input type="text"/>
Avatar	<div><input type="text" value="Choose file"/> <input type="button" value="Browse"/></div> <div>Avatar</div> <div></div>		
<div><input type="button" value="Save"/> <input type="button" value="Cancel"/></div>			