

# PNU Exam Generator System



## **Abstract:**

Genetic Algorithms are versatile heuristic search algorithm based on the evolutionary ideas of natural selection and genetics. The proposed system is based upon genetic algorithm, which generates accurate exam question papers. The process of preparing question papers requires effort and time and has to satisfy some previously determined requirements like learning outcomes covered etc., therefore we have come up with a project called (PNU Exam Generator). The system allows teachers to create professional high-quality question papers within no time, while keeping constraints like learning outcomes covered etc. under consideration. Questions are organized by topics & learning outcomes in the bank. The objective of the proposed system is to generate question papers that are competent and have high quality

## I/O Screens:

PNU Exam Generator System Interfaces:

## 1. Instructors Interface:

# a) Welcome Page Interface:

This welcome page is the public page of the website for Admin and instructors.

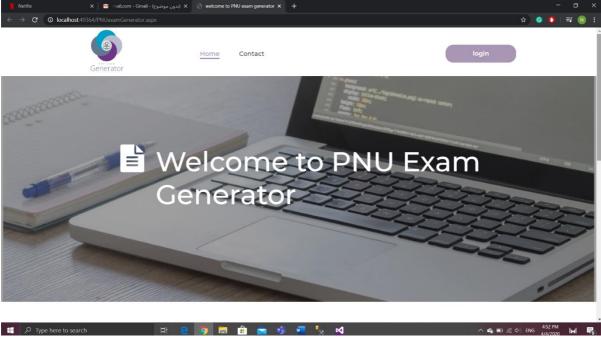


Figure 1 Instructor Welcome Page Interface

# b) Login Interface:

This page is the public page of the website, Instructors can sign in using their username and password as shown in figure 2.

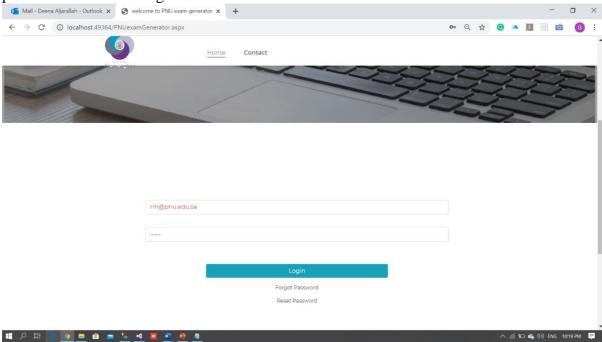


Figure 2 Login Page Interface

# c) Forgot Password Interface:

This page is for Admin and instructors, so if they can to receive a New Password with email registered as shown in figure 3.

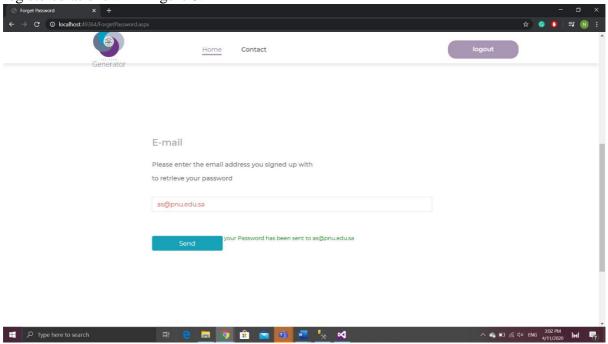


Figure 3 Forgot Password Interface

# d) Reset Password Page:

This page is for Admin and instructors, so they can reset a new password with registered email and current password as shown in figure 4.

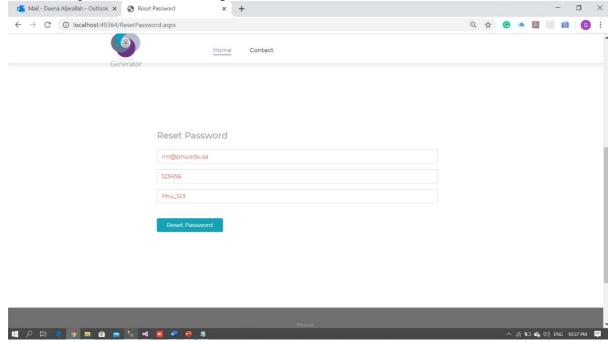


Figure 4 Reset Password Page

#### e) Instructor Main Page:

This page is the instructor Main page as shown in figure 5.

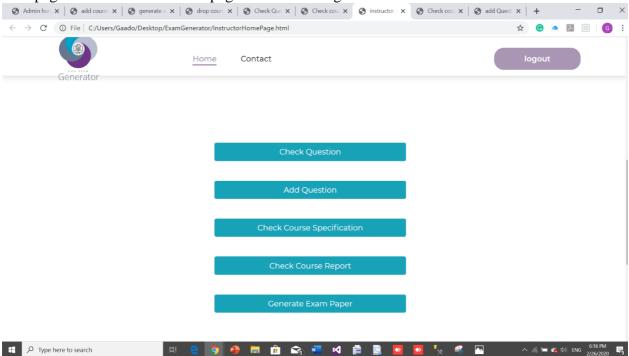


Figure 5 Instructor home Page

# f) Check Question Interface:

This page allows instructors to check the questions in the question bank as shown in figure 6.

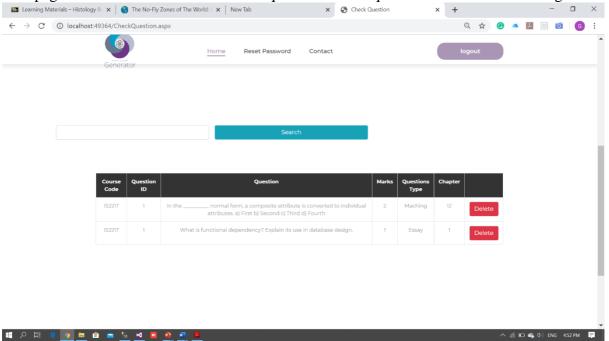


Figure 6 Check Question Interface

# g) Add Question Interface:

This page allows instructors to add questions in the question bank as shown in figure 7.

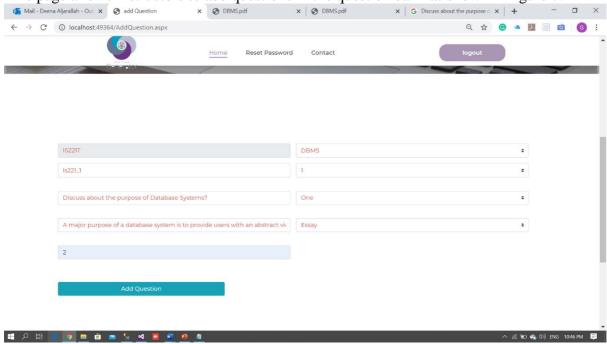


Figure 7 Add Question Interface

## h) Check Course Specification Interface

This page allows instructors check the course specification as shown in figure 8.

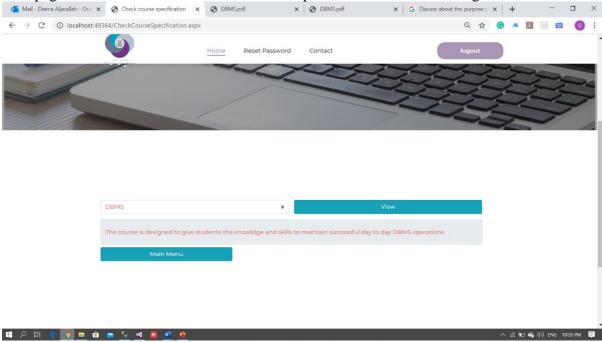


Figure 8 Check Course Specification Interface

# i) Check Course Report Interface:

This page allows instructors check the course report as shown in figure 9.

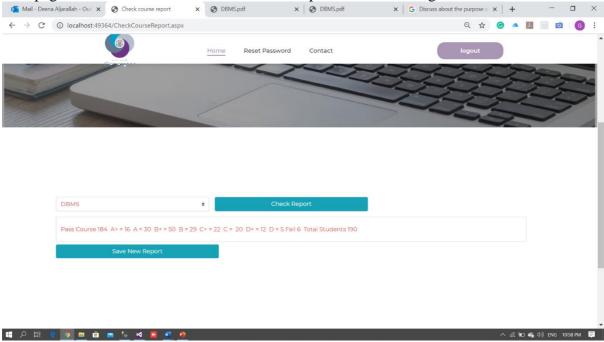


Figure 9 Check Course Report

# j) Generate Exam Paper Interface:

This page allows instructors to select the name of the course, CLO, type of question by chapter wise and quantity of the question as shown in figure 10.

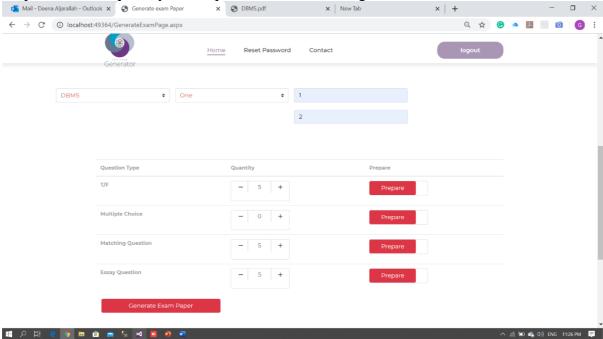


Figure 10 Generate Exam Paper Interface

# k) Exam Paper Results

This page shows the exam paper as shown in figure 11.

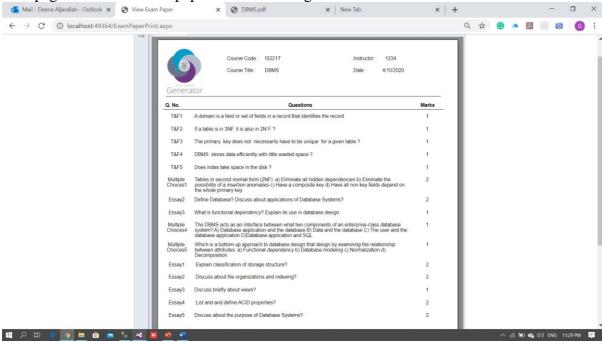


Figure 11 Exam Paper Results

## 2. Admin interfaces:

## a) Login Interface:

This page is the public page of the website, admins can sign in using their username and password as shown in figure 12.

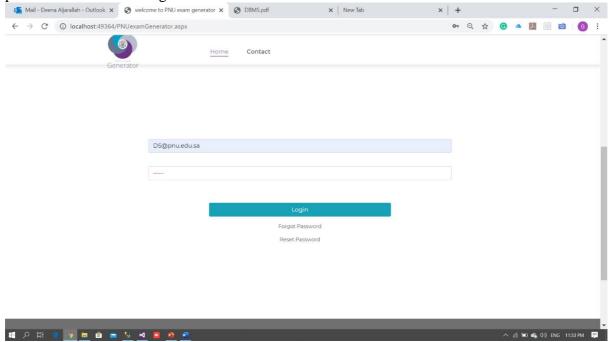


Figure 12 Admin login interface

# b) Admin Main Page:

This page is the admin main page as shown in figure 13.

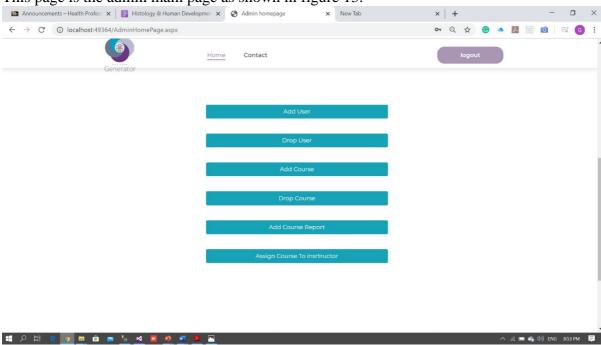


Figure 13 Admin Main Page

#### c) Add User Interface:

This page allows admin to add users as shown in figure 14, and user will receive an email from the system as shown in figure 15.

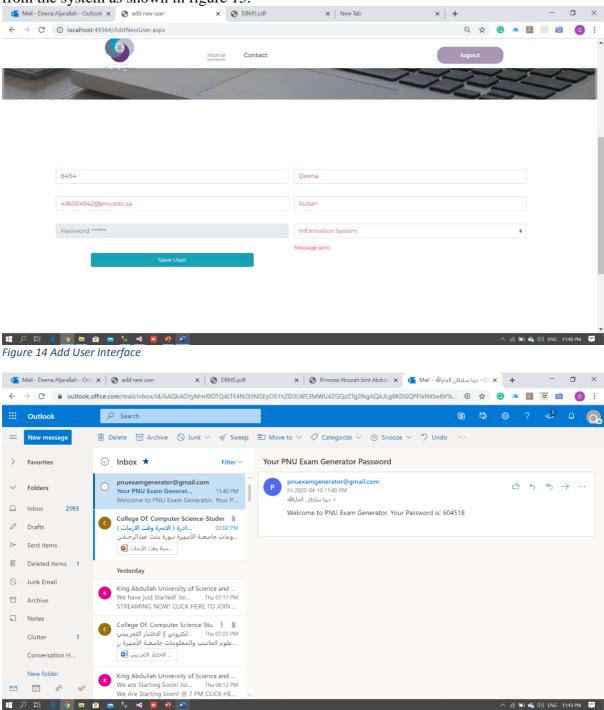


Figure 15 Add User Email

# d) Drop User Interface:

This page allows admin to drop users as shown in figure 16.

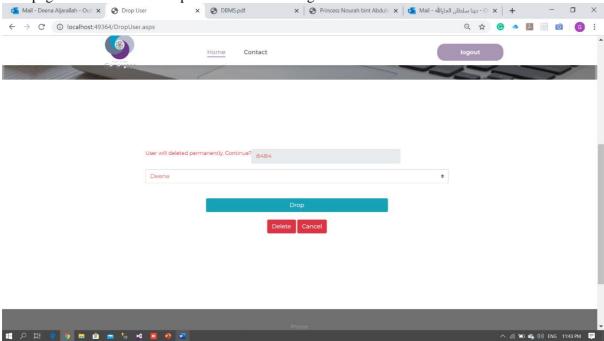


Figure 16 Drop User Interface

#### e) Add Course Interface:

Figure 17 Add Course Interface

# f) Assign Course To Instructor

This page allows admin to assign courses to instructor as shown in figure 18.

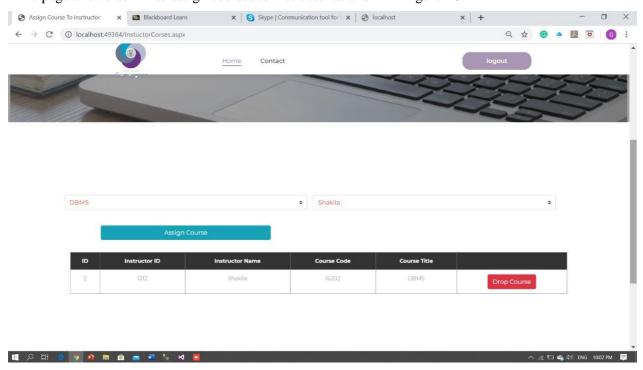


Figure 18 Assign Course to Instructor

# g) Drop Course Interface:

In this page admin will be able to drop course as shown in figure 19.

Mail - Deena Aljarallah - Ourl x Orop course x DBMS.pdf x 0 0 (73) WhatsApp x Mail - dily

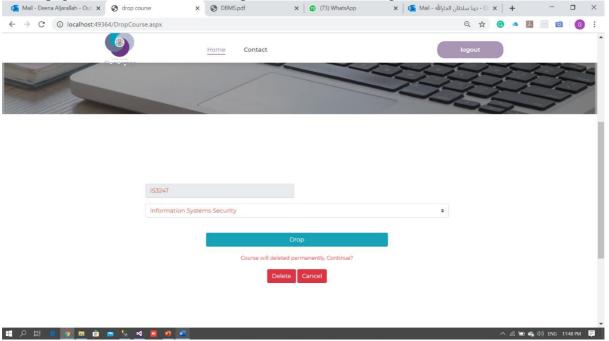


Figure 19 Drop Course Interface

# h) Add Course Report Interface:

In this page admin will be able to add course report as shown in figure 20.

: <b>d</b>	☆ ❷		C:/Users/aSusTouch/Desktop/ExamGenerator/addreport.html   ملف ا نام نام الله الله الله الله الله الله الله ال
	Generator	Home Contact	logout
		Coures Department	<b>\$</b>
		Course Code	
		Course Name	
		Level 1	<b>‡</b>
		Course Report	
		Instructor Id	
		Add	
		Muu	

Figure 20 Add Course Report Interface