

Examination System

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ABSTRACT

This Examination System documentation provides a comprehensive guide and reference for understanding and utilizing the system.

It aims to assist administrators, academic advisors, and other stakeholders involved in the evaluation and analysis of student and instructors performance. The document covers various aspects of the examination system, including its purpose, functionality, and usage. The Examination System Documentation includes sections that explain every part of the software. Furthermore, the documentation provides insights into the evaluation process, guiding professors on how to assess student answers, assign grades, and provide feedback.

It also explores the analysis capabilities of the system, allowing stakeholders to track and analyze student performance trends, identify areas of improvement, and generate comprehensive reports.

So that any stakeholder can use it to analyze its student, instructors, departments, courses and exam data and use the derived insights from it in improving the process of his educational institution.

INTRODUCTION

Welcome to the Examination System of ITI ..

Due our journey as being itian's students in power BI Track, we have been inspired actually to develop this examination system in a helpful manner, That covers different aspects of this huge educational institution so that any supervisor or manger can use it to analysis the data of the students instructors, departments, courses and exam performance and KPIs and job offers and progress through different dashboards for each of them which will help to give a useful insights to be used.

Once exams are administered, the evaluation phase becomes crucial. Professors will find detailed instructions on how to assess student answers, assign grades, and provide valuable feedback.

As after taking the data of the students and their grades of the courses this gonna help to know their progress in the study process and will help in the end to know the performance of them and try to improve it so they can achieve the kpis in an excellent way and get a good job

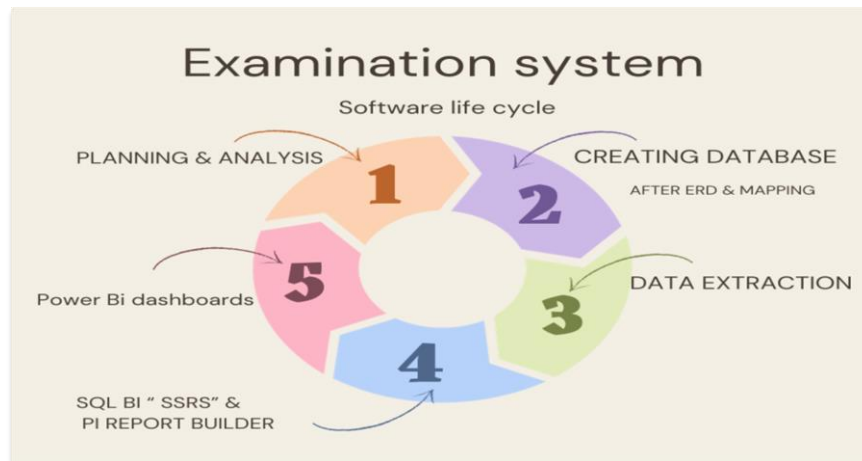
So we in our system explore methods for tracking and analyzing performance trends, identifying areas of improvement, and generating comprehensive reports. These insights empower educators to make data-driven decisions and implement targeted interventions to enhance learning outcomes.

Lets start our dive into the software ..

Software Development life cycle

In this section we are clarification the life cycle we have been through to develop the system:

The life cycle:




Planning & Analysis:

In this phase we started to plan for the software by analysis the main idea of system and see what is the important features that the user will need , we did this by exploring how others system are applied and its user experience and the persona need.

User persona :

Ahmed Mohammed



AGE 40
EDUCATION Masters in computer science
STATUS married
OCCUPATION Academic advisor
LOCATION cairo
TECH LITERATE High

Bio
Ahmed is an academic advisor at a university. he is responsible for guiding students in their academic journey, providing course recommendations, and monitoring their progress.


Core needs

- Need to monitoring the student progress
- View all performance for instructor and students
- Analyze the data for the system he has to get insights

Frustrations

- Price is high related to quality they provide
- Currently finds a difficulty to afford it and need a usable easy system to do the analyses
- Not much choice and comparison not available


Payment medium


Digital Payment

Personality

Extrovert Reader
analyzer Tech Geek

Platform


Website

Quote: I am used to with normal system that I analyze it myself and try to get insight through exciting data

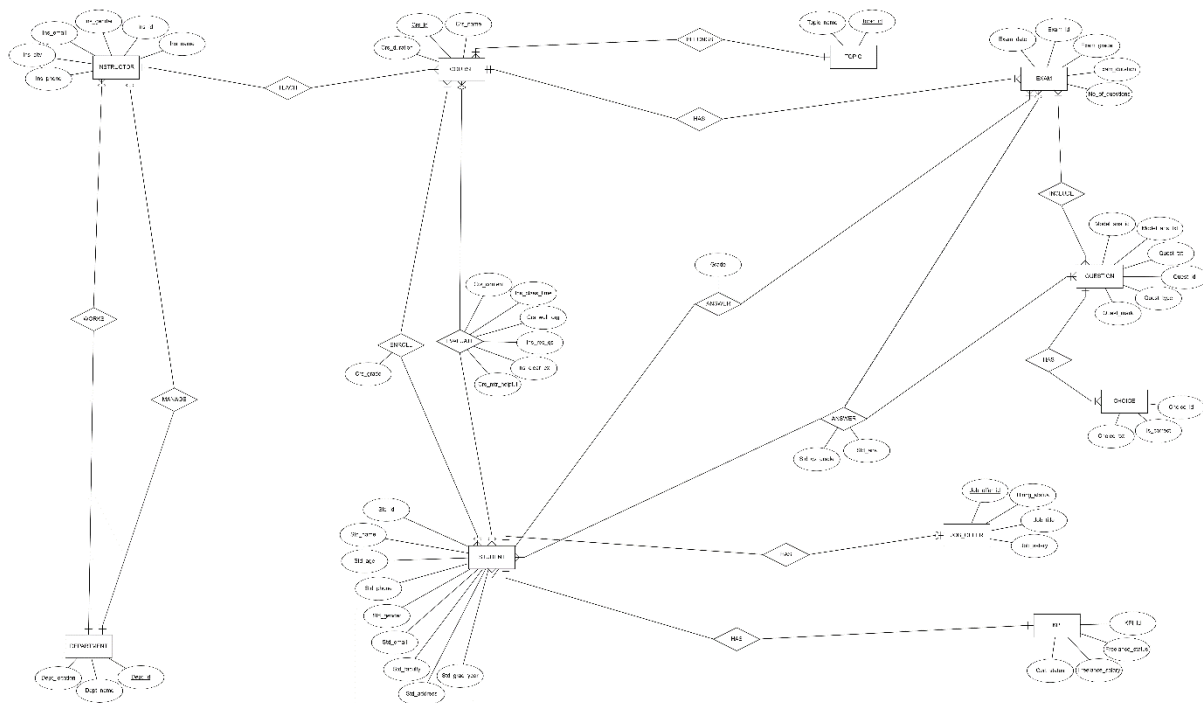
ERD & Mapping:

at this phase we decided our entities and the tables which are :

{ Student ,Department ,Instructor,Course,Topic,Question,Exam ,Choice ,
Exam_Question ,student course student answer, student exam grade,
Course evaluation,KPI ,Job offer }

we made the mapping for it after creating it as the below :

ERD:



Mapping:

- 1-Student [Std_id (PK) - Std_name - Std_email - Std_age - Std_gender - Std_city - Std_phone - Std_grad_year - Std_faculty]
- 2-Department [Dept_id (PK) - Dpet_name - Dept_location - Mgr_id (FK)]
- 3-Instructor [Ins_id (PK) - Ins_name - Ins_email - Ins_city - Ins_phone - Ins_gender - Dept_id (FK)]
- 4-Course [Crs_id (PK) - Crs_name - Crs_duration - Topic_id (FK) - Ins_id (FK)]
- 5-Topic [Topic_id (PK) - Topic_name]
- 6-Question [Quest_id (PK) - Quest_txt - Quest_type - Quest_mark - Model_ans_id (FK) - Model_ans_txt]
- 7-Exam [Exam_id (PK) - No_of_qs - Exam_duration - Exam_grade - Exam_date - Crs_id (FK)]
- 8-Choice [Choice_id (PK) - Choice_txt - Is_correct - Quest_id (FK)]
- 9- Exam_Question [{Exam_id (FK) - Question_id (FK)} (PK)]
- 10-Std_course [{Std_id (FK) - Crs_id (FK)} (PK) - Crs_grade]
- 11-Std_answer [{Std_id (FK) - Exam_id (FK) - Quest_id (FK)} (PK) - Std_ans_txt - Std_qs_grade]
- 12-Std_Exam_Grade [{ST_ID(FK) - Exam_ID(FK)}(PK) - Grade]
- 13-Crs_Evaluation [{ Std_id (FK) - Crs_id (FK) } (PK) - Crs_Material_helpful - Crs_Content - Crs_well-organised - Inst_ClassTime - Inst_Responce_Qus - Inst_GiveClearEx]
- 14- KPI [KPI_id (PK) - Std_id (FK) - Freelance_status - Freelance_Salary - cert_status]
- 15- Job_offer [Job_offer_id (PK) - Std_id (FK) - Hiring_status - Job_title - Job_salary]

Creating Database & Implementation :

Creating a database for an examination system typically involves defining tables :

{ Student ,Department ,Instructor,Course,Topic,Question,Exam ,Choice ,
Exam_Question ,student course student answer, student exam grade,
Course evaluation,KPI ,Job offer }

Import data directly from Excel files by using the SQL Server Import and Export Wizard.

Creation :

1:

```
--- Database Creation---

CREATE DATABASE Examination_System;

--- Table Creation ---

-- Create Student Table
GO
CREATE TABLE [dbo].[Student](
    [Std_id] [float] NOT NULL,
    [Std_name] [nvarchar](255) NULL,
    [Std_email] [nvarchar](255) NULL,
    [Std_age] [float] NULL,
    [Std_gender] [nvarchar](255) NULL,
    [Std_City] [nvarchar](255) NULL,
    [Std_phone] [float] NULL,
    [Std_grad_year] [float] NULL,
    [Std_faculty] [nvarchar](255) NULL
```

2:

```
-- Create Topic Table
GO
CREATE TABLE [dbo].[Topic](
    [Topic_id] [float] NOT NULL,
    [Topic_name] [nvarchar](255) NULL

-- Create Course Table
CREATE TABLE Course(
    [Crs_id] [float] NOT NULL,
    [Crs_name] [nvarchar](255) NULL,
    [Crs_duration] [float] NULL,
    [Topic_id ] [float] NULL,
    [Ins_id ] [float] NULL
```

3:

```
--- FOREIGN KEYS ---

-- Department Table
ALTER TABLE Department
ADD FOREIGN KEY (Mgr_id) REFERENCES Instructor(Ins_id);

-- Instructor Table
ALTER TABLE Instructor
ADD FOREIGN KEY (Dept_id) REFERENCES Department(Dept_id);

-- Course Table
ALTER TABLE Course
ADD FOREIGN KEY (Topic_id) REFERENCES Topic(Topic_id);

ALTER TABLE Course
ADD FOREIGN KEY (Ins_id) REFERENCES Instructor(Ins_id);
```

4: storde prodeduer for table :

```
-- Topic Table --
-- SP SELECT --
GO
CREATE PROCEDURE SelectTopic
AS
BEGIN
    SELECT * FROM Topic
END

-- SP INSERT --
GO
CREATE PROCEDURE InsertTopic
    @Topic_Id INT,
    @topic_name VARCHAR(20)
AS
BEGIN
    INSERT INTO Topic
    VALUES(@Topic_Id, @topic_name)
END
```

sp for table :

```
-- SP UPDATE --
GO
CREATE PROCEDURE UpdateTopic
    @Topic_Id INT,
    @new_topic_name VARCHAR(20)
AS
BEGIN
    UPDATE Topic
    SET Topic_Name = @new_topic_name
    WHERE Topic_Id = @topic_id
END

-- SP DELETE --
GO
CREATE PROCEDURE DeleteTopic
    @topic_id INT
AS
BEGIN
    DELETE FROM Topic
    WHERE Topic_Id = @topic_id
END
```

Generating exam SP :

```
-- Exam Generation --

CREATE PROCEDURE GenerateExam
    @Exam_Id INT,
    @Crs_Id INT,
    @Ex_Duration INT,
    @No_Of_TF INT,
    @No_Of_MCQ INT,
    @Ex_Grade INT,
    @No_of_qs INT
AS
BEGIN
    IF EXISTS(SELECT Crs_id FROM Course WHERE Crs_id = @Crs_Id)
    BEGIN
        IF EXISTS (SELECT Exam_id FROM Exam WHERE Exam_id = @Exam_Id)
            SELECT 'The exam id already exists' AS 'ErrorMessage'
        ELSE
            BEGIN
                IF @No_Of_TF + @No_Of_MCQ = 20
                BEGIN
                    IF @No_Of_TF = 5
                    BEGIN
                        -- Generate a random exam with 10 questions --
                        INSERT INTO Exam (Exam_id, No_of_qs, Exam_duration, Exam_date, Exam_grade, Crs_id)
                        VALUES (@Exam_Id, @No_of_qs, @Ex_Duration, GETDATE(), @Ex_Grade, @Crs_Id);
                    END
                END
            END
        END
    END
```



```

-- Select True/False questions related to the same course--
INSERT INTO Exam_Question (Exam_id, Quest_id)
SELECT TOP (@No_Of_TF) @Exam_Id, q.Quest_id
FROM Question q
JOIN Exam_Question eq ON q.Quest_id = eq.Quest_id
JOIN Exam e ON eq.Exam_id = e.Exam_id
WHERE Crs_id = @Crs_Id
AND Quest_type = 't/f'
ORDER BY NEWID();

-- Select Multiple Choice questions related to the same course --
INSERT INTO Exam_Question (Exam_id, Quest_id)
SELECT TOP (@No_Of_MCQ) @Exam_Id, q.Quest_id
FROM Question q
JOIN Exam_Question eq ON q.Quest_id = eq.Quest_id
JOIN Exam e ON eq.Exam_id = e.Exam_id
WHERE Crs_id = @Crs_Id
AND Quest_type = 'mcq'
ORDER BY NEWID();

-- Select exam model --
SELECT Q.*
FROM Exam_Question eq, Question Q, Exam E
WHERE eq.Exam_id = E.Exam_id AND eq.Quest_id = Q.Quest_id AND eq.Exam_id = @Exam_Id
END
ELSE
    SELECT 'No of TF questions must be 5' AS 'ErrMsg'
END
ELSE
    SELECT 'No of questions must be 20' AS 'ErrMsg'
END
END
ELSE
    SELECT 'The course does not exist' AS 'ErrMsg'
END

```

SP Exam Answer:

```

-- Exam Answers --
GO
CREATE PROCEDURE StudentAnswer
    @Exam_Id INT,
    @Std_Id INT,
    @Quest_Id INT,
    @Std_Ans_txt nvarchar(255) = 'No Answer'
AS
BEGIN
    IF NOT EXISTS (SELECT * FROM Student WHERE Std_id = @Std_Id)
    BEGIN
        SELECT 'The student does not exist' AS 'ErrMsg'
    END
    ELSE IF NOT EXISTS (SELECT * FROM Exam WHERE Exam_id = @Exam_Id)
    BEGIN
        SELECT 'The exam does not exist' AS 'ErrMsg'
    END
    ELSE IF NOT EXISTS (SELECT * FROM Question WHERE Quest_id = @Quest_Id)
    BEGIN
        SELECT 'The question does not exist' AS 'ErrMsg'
    END
    ELSE
    BEGIN

```

SP Exam Correction :

```
-- Exam Correction --
GO
CREATE PROCEDURE ExamCorrect
    @Std_Id INT,
    @Exam_Id INT
AS
BEGIN
    IF NOT EXISTS (SELECT * FROM Exam WHERE Exam_id = @Exam_Id)
    BEGIN
        SELECT 'The exam does not exist' AS 'ErrMsg'
    END
    ELSE IF NOT EXISTS (SELECT * FROM Student WHERE Std_ID = @Std_Id)
    BEGIN
        SELECT 'The student does not exist' AS 'ErrMsg'
    END
    ELSE
    BEGIN
        -- Calculate the total number of questions --
        DECLARE @total_questions int
        SELECT @total_questions = count (Quest_id) FROM Std_Answer WHERE Std_id = @Std_Id AND Exam_id = @Exam_Id
        -- Calculate the total number of correct answers --
        DECLARE @total_right_questions float
        SELECT @total_right_questions = count(SE.Quest_id)
        FROM Std_Answer SE JOIN Question Q ON SE.Quest_id = Q.Quest_id WHERE Std_id = @Std_Id AND Exam_id = @Exam_Id AND SE.Std_ans_txt = Q.Model_ans_txt
        -- Calculate the grade --
        DECLARE @Grade float
        SELECT @Grade = (@total_right_questions * 5)
        -- Update Crs_grade based on the student's answers --
        UPDATE Std_course
        SET Crs_grade = @Grade WHERE Std_id = @Std_Id and Crs_id = (Select Crs_id from Exam where Exam_id = @Exam_Id)
        -- Return the grade --
        SELECT 'student degree percentage ' + str(@Grade) + ' of ' + str(@total_questions * 5)
    END
END
```

After finishing the stored procedures and testing them we moved to the phase of :

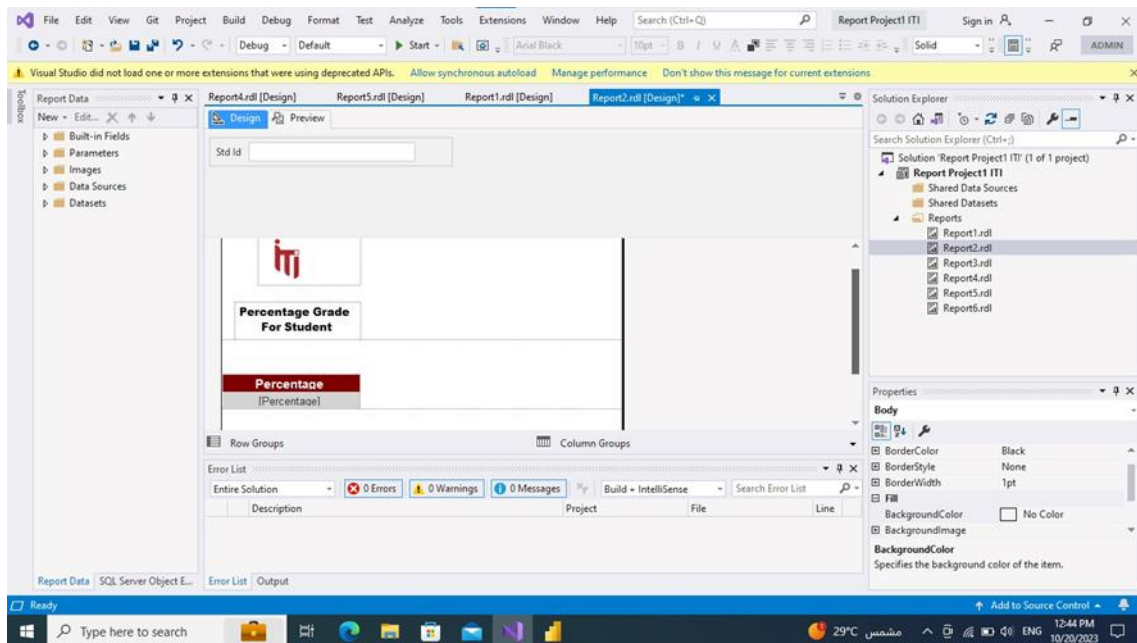
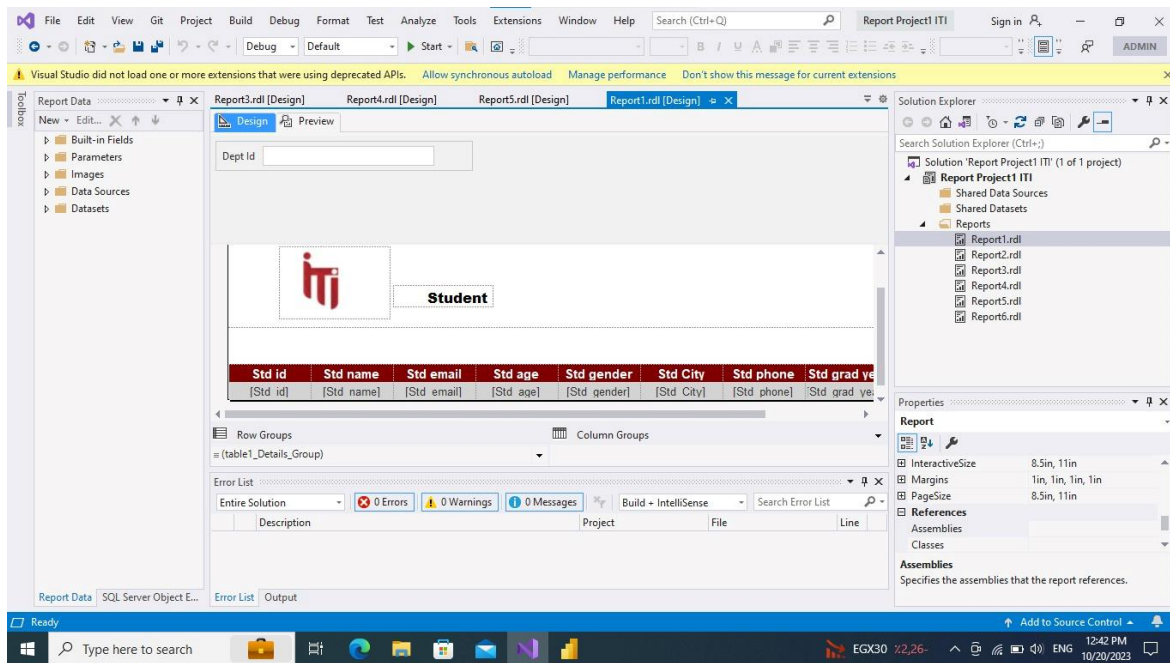
Data extraction:

At this phase we have extracted data from a database for generating reports in Power BI Desktop, SQL Server Report Service, Power BI Report Builder that need querying database, saving the data as a CSV file, then importing it into the reporting tool

SSRS:

SQL Server report server to present the data from stored procedures to SSRS as the upcoming :

- 1- Report that returns the students information according to Department No parameter.
- 2- Report that takes the student ID and returns the grades of the student in all courses.
- 3- Report that takes the instructor ID and returns the name of the courses that he teaches and the number of student per course.
- 4- Report that takes course ID and returns its topics
- 5- Report that takes exam number and returns the Questions in it and choices [free-form report]
- 6- Report that takes exam number and the student ID then returns the Questions in this exam with the student answers.



Visual Studio interface showing the design of Report3.rdl. The report title is "No of Students by Course Name". The report body contains a table with columns "Crs name" and "Student Nu". The table has a header row and a data row. The report is displayed in the Design view. The Solution Explorer on the right shows the project structure, including Report1.rdl, Report2.rdl, Report3.rdl, Report4.rdl, Report5.rdl, and Report6.rdl. The Properties window on the right shows the report properties, including InteractiveSize, Margins, PageSize, and References.

Report Data: SQL Server Object E...

Error List: 0 Errors, 0 Warnings, 0 Messages

Report Properties:

- InteractiveSize: 8.5in, 11in
- Margins: 1in, 1in, 1in, 1in
- PageSize: 8.5in, 11in
- References: Assemblies, Classes
- Assemblies: Specifies the assemblies that the report references.

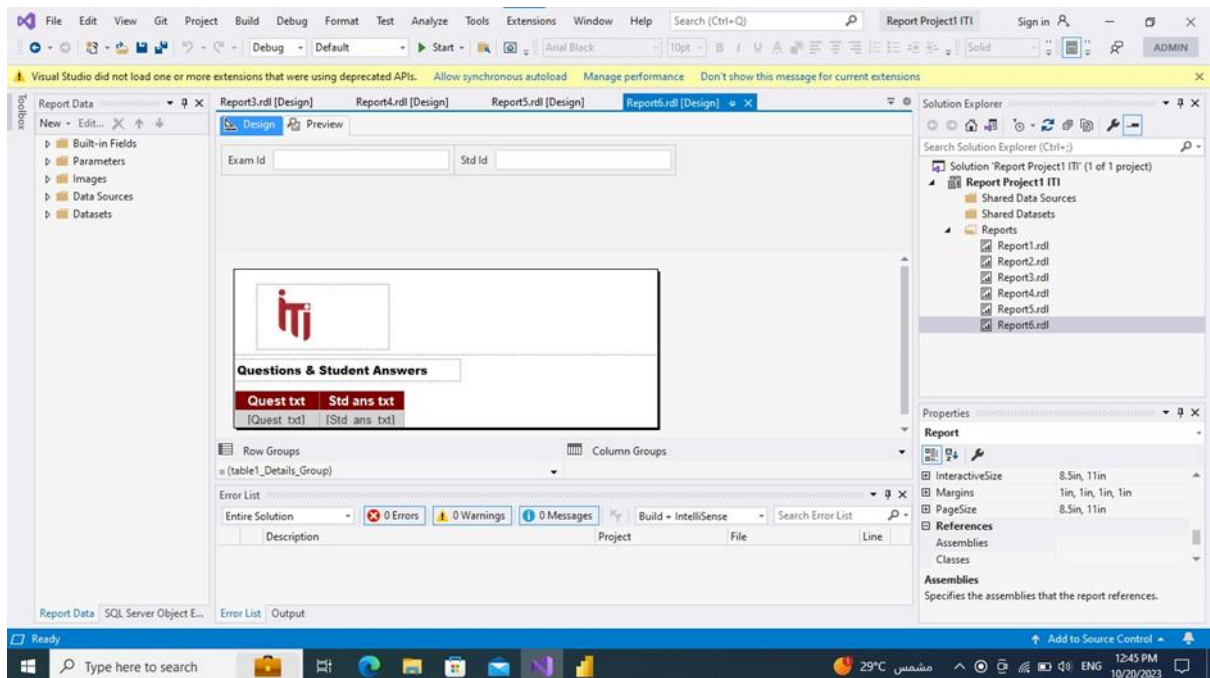
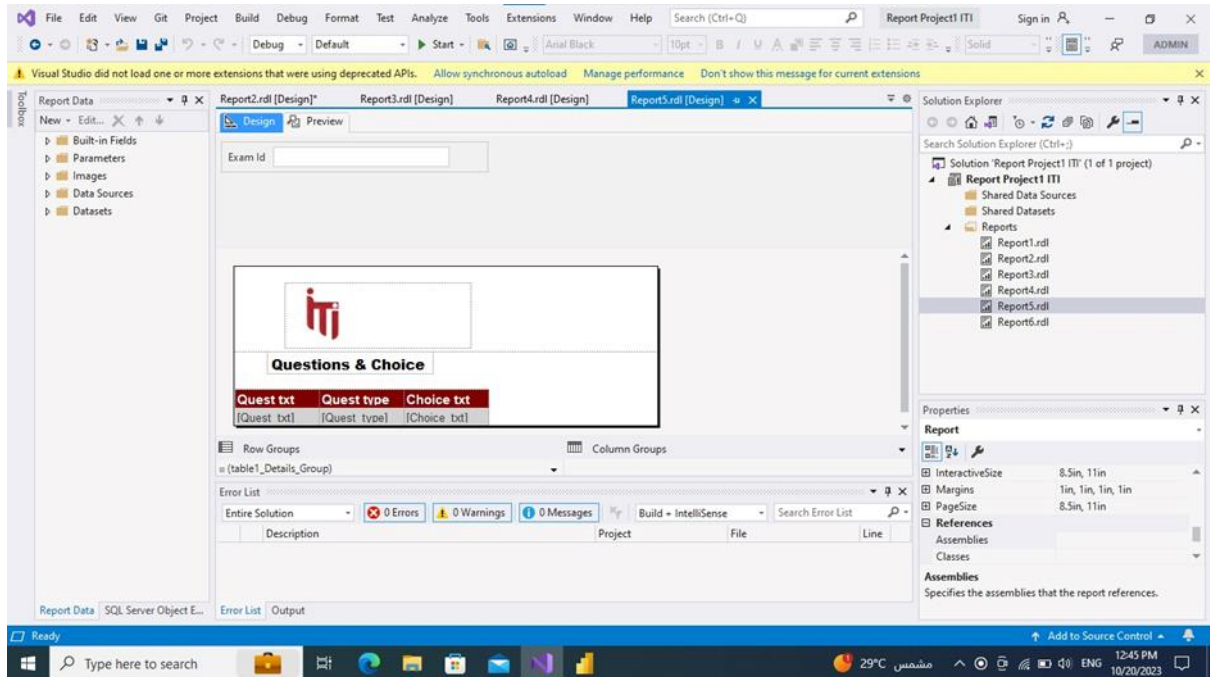
Visual Studio interface showing the design of Report4.rdl. The report title is "Topic". The report body contains a table with columns "Crs ID", "Crs Name", "Topic id", and "Topic Name". The table has a header row and a data row. The report is displayed in the Design view. The Solution Explorer on the right shows the project structure, including Report1.rdl, Report2.rdl, Report3.rdl, Report4.rdl, Report5.rdl, and Report6.rdl. The Properties window on the right shows the report properties, including InteractiveSize, Margins, PageSize, and References.

Report Data: SQL Server Object E...

Error List: 0 Errors, 0 Warnings, 0 Messages

Report Properties:

- InteractiveSize: 8.5in, 11in
- Margins: 1in, 1in, 1in, 1in
- PageSize: 8.5in, 11in
- References: Assemblies, Classes
- Assemblies: Specifies the assemblies that the report references.



Power BI Report builder:

paginated report designed for creating a report has the information of students, instructor, exams like following:

Power BI Report Server Home > Report1

Search

sky top

Favorites Browse

Comments

Dept id 10 View Report

1 of 1 100%

Student

Std id	Std name	Std email	Std age	Std gender	Std City	Std phone	Std grad year	Std faculty
1	Rahma Mostafa	rahmamostafa@gmail.com	23	Female	Cairo	1001234567	2023	Engineering
4	Dalia Mansour	dalia.mansour@yahoo.com	24	Female	Gliza	1204593829	2022	Engineering
8	Hala Mahmoud	hala.mahmoud@yahoo.com	23	Female	Hurghada	1137890123	2022	Education
9	Ibrahim Salah	ibrahim.salah@yahoo.com	26	Male	Mansoura	1124839234	2020	Engineering
11	Kareem Abdelrahman	kareem.abdelrahman@yahoo.com	28	Male	Sohag	1249012345	2018	Engineering
12	Laila Ahmed	laila.ahmed@yahoo.com	23	Female	Assiut	1014357351	2023	Engineering
17	Sameh Samir	sameh.samir@yahoo.com	28	Male	Ismailia	1153456789	2017	Early Childhood Education
18	Tarek Mansour	tarek.mansour@yahoo.com	28	Male	Tanta	1054567890	2018	Engineering
20	Youssef Sami	youssef.sami@yahoo.com	26	Male	Alexandria	1265678901	2020	Engineering
22	Adel Ghanem	adel.ghanem@yahoo.com	24	Male	Suez	1067890123	2021	Computer and Information

Power BI Report Server Home > Report2

Search

sky top

Favorites **Browse**

Comments

Std id 1 View Report

1 of 1 100%

Percentage Grade For Student

Percentage
75%

10/20/2023 3:03:46 PM

Favorites **Browse**

Comments

Ins Id 1

View Report

Navigation and tool icons: back, forward, refresh, zoom, save, print, search



No of Students by Course Name

Crs name	Student Numbers in the course
Asp.net	19
C++	21

10/20/2023
3:07:13 PM

Favorites **Browse**

Comments

Crs Id 1

View Report

Navigation and tool icons: back, forward, refresh, zoom, save, print, search



Topic

Crs ID	Crs Name	Topic id	Topic Name
1	OOP	1	Programming

10/20/2023
3:08:14 PM

Power BI Report Server Home > Report5

Search sky top

Favorites **Browse** Comments

Exam Id 345678 View Report

1 of 2 ? 100%

Questions & Choices

Quest txt	Quest type	Choice txt
What is Oracle?	mcq	A database management system
What is Oracle?	mcq	A programming language
What is Oracle?	mcq	An operating system
What is Oracle?	mcq	A web browser
What is the primary language used for programming in Oracle?	mcq	Java
What is the primary language used for programming in Oracle?	mcq	Python
What is the primary	mcq	SQL

Power BI Report Server Home > Report6

Search sky top

Favorites Browse Comments

Exam Id 345678 Std Id 1 View Report

1 of 1 100%

Questions & Student Answers

Quest txt	Std ans txt
What is Oracle?	A programming language
What is the primary language used for programming in Oracle?	SQL
Which of the following is a feature of Oracle database?	All of the above
What does SQL stand for?	Structured Query Language
Which of the following is NOT a type of Oracle database object?	Procedure
What is the purpose of an Oracle index?	To improve query performance
Which	INSERT

Power BI Dashboard:

After the above phases up we came to the time of making the Dashboards that supervisor or the manager or any stake holder will use it to analyze the needed data from any table we mentioned in our system to get the important insights that will be so useful in tracking the performance of the system overall we have made 20 dashboards but we will focus now on the main 6 overview in the upcoming screens :

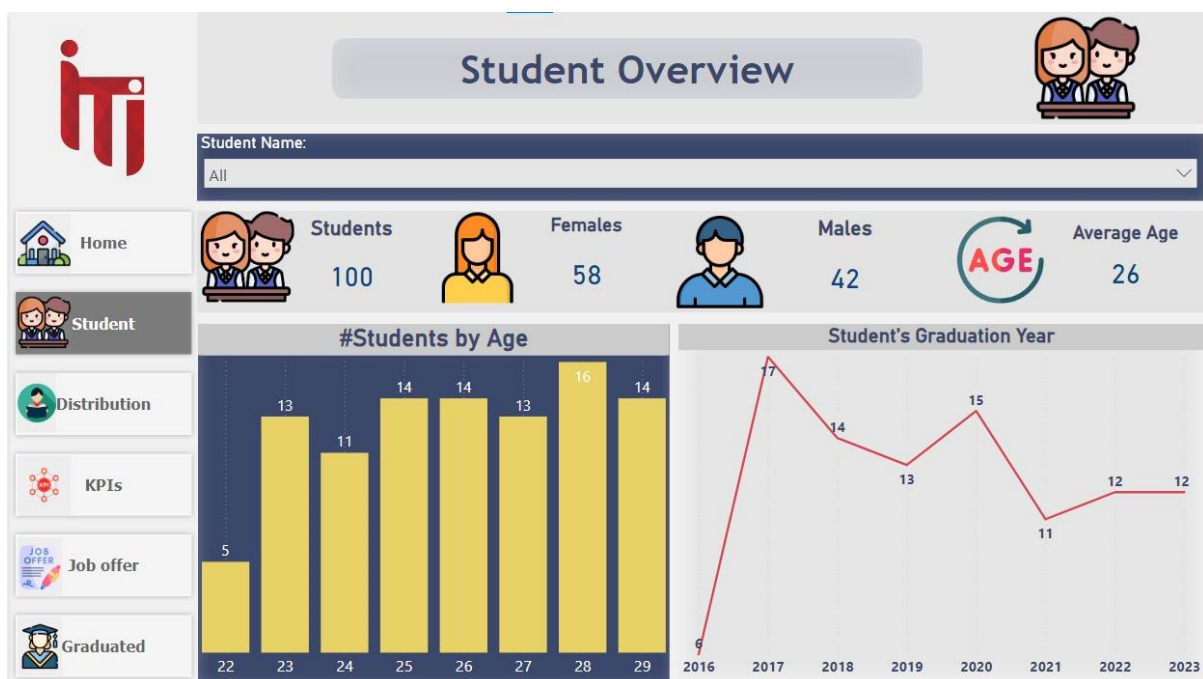
First over view when you log into the system dashboard:

Here we can see the 5 main sections for the system that can the user navigate through it to get his needed information and insights contains student , instructor , department, course, exam:



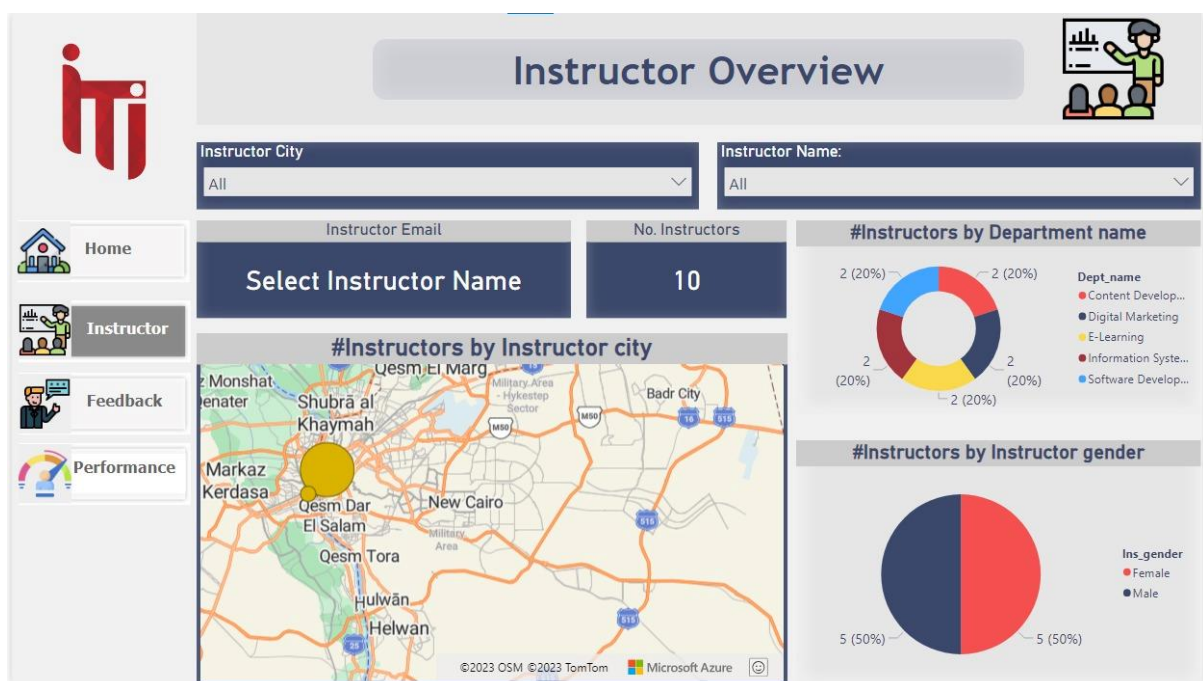
2- Student overview :

Here we can see the total number of the students and number due to the gender distribution and the average age , also you can find student by age and student graduation year , and we should mention that we made filter so that you can enter any name for the student and get the needed insight due to the student you wrote his name and there is important navigation buttons in the left side to choose from it thing you need to know from distribution or the KPIs or the job offers or graduated students to get the insights you want



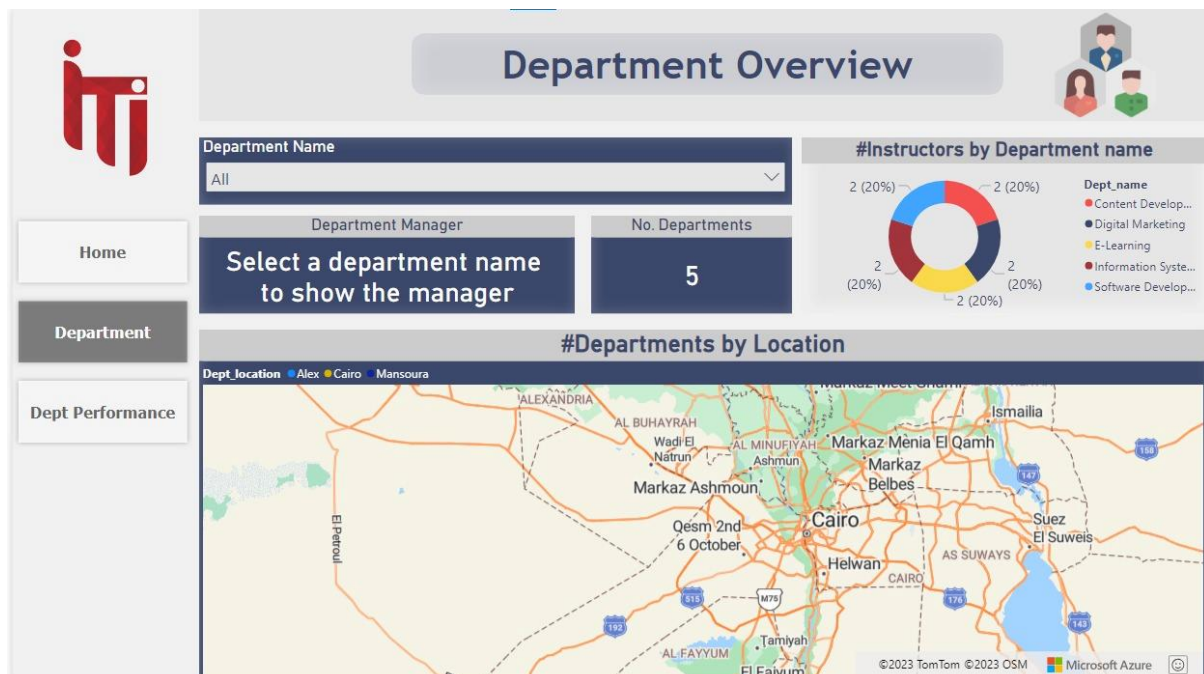
3- Instructor overview :

Here we can see there is 2 main filters one by the instructor city and the other by the instructor name to filter the data due this two mentioned then when you choose the instructor name you can have its mail , also we made a card to the total number of instructors we have, and number of instructors in each department in the system and also we got map to get the number of the instructor in each city and the distribution of the instructors by its gender also you can find in the left related navigation button for the instructors to choose from and they are : feedback or the instructor performance



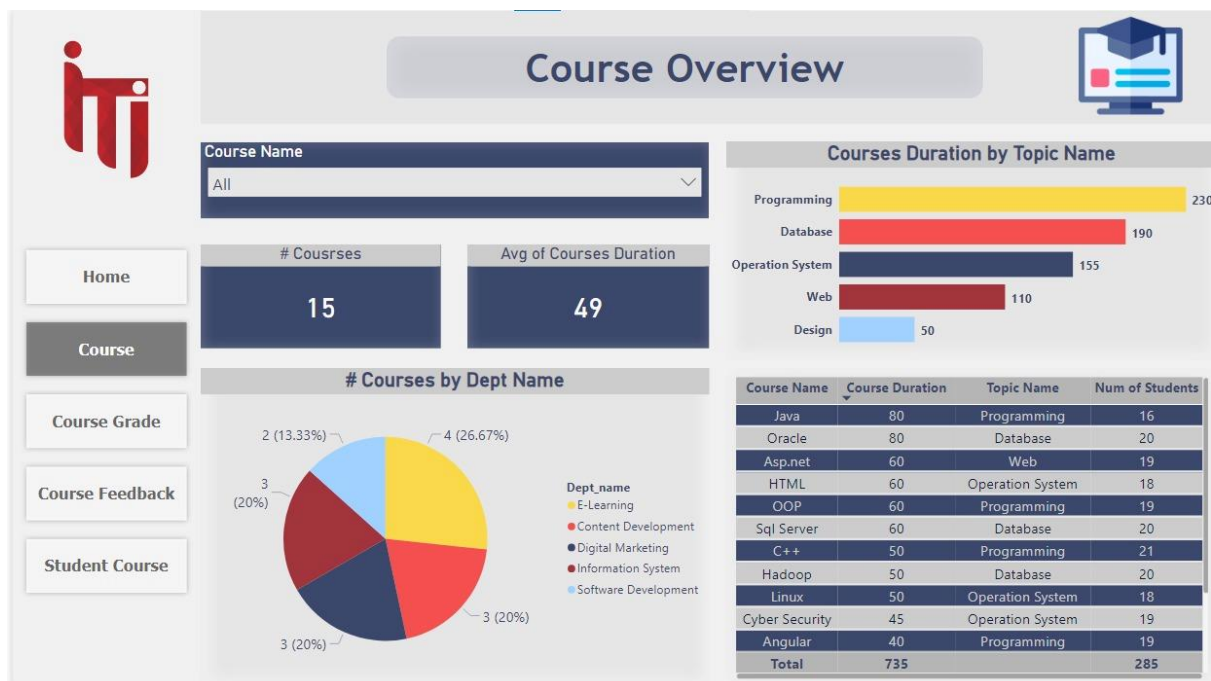
4-Department overview :

Here we can see there is main filters on the dashboard here and it is the department name , and when you choose the name the manger of it will show immediately , we made a card to show the total number of the departments we have , and distribution and total number for the instructor in each department and numbers of the departments by its location and as usual there in the left you can find 2 navigate buttons to choose from department or department performance



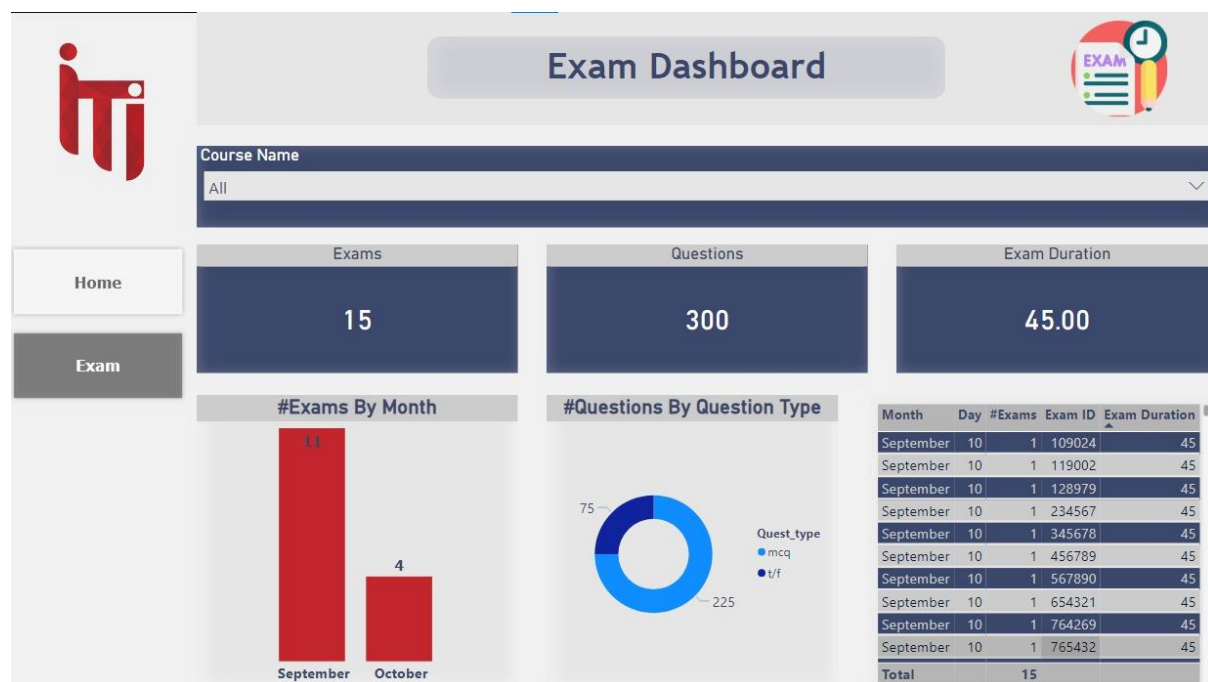
4- Course overview :

Here we can see there is main filters on the dashboard here and it is the course name , and when you choose the name it will show immediately the insights due to it , we made a card to show the total number of the courses and average courses duration , also we have the course duration due to the topic name and the number of courses by department name , also we have table to show information like the course name and its duration and topic name and number of students , and as usual there in the left you can find navigation buttons to choose from course , course grade course feedback and student course

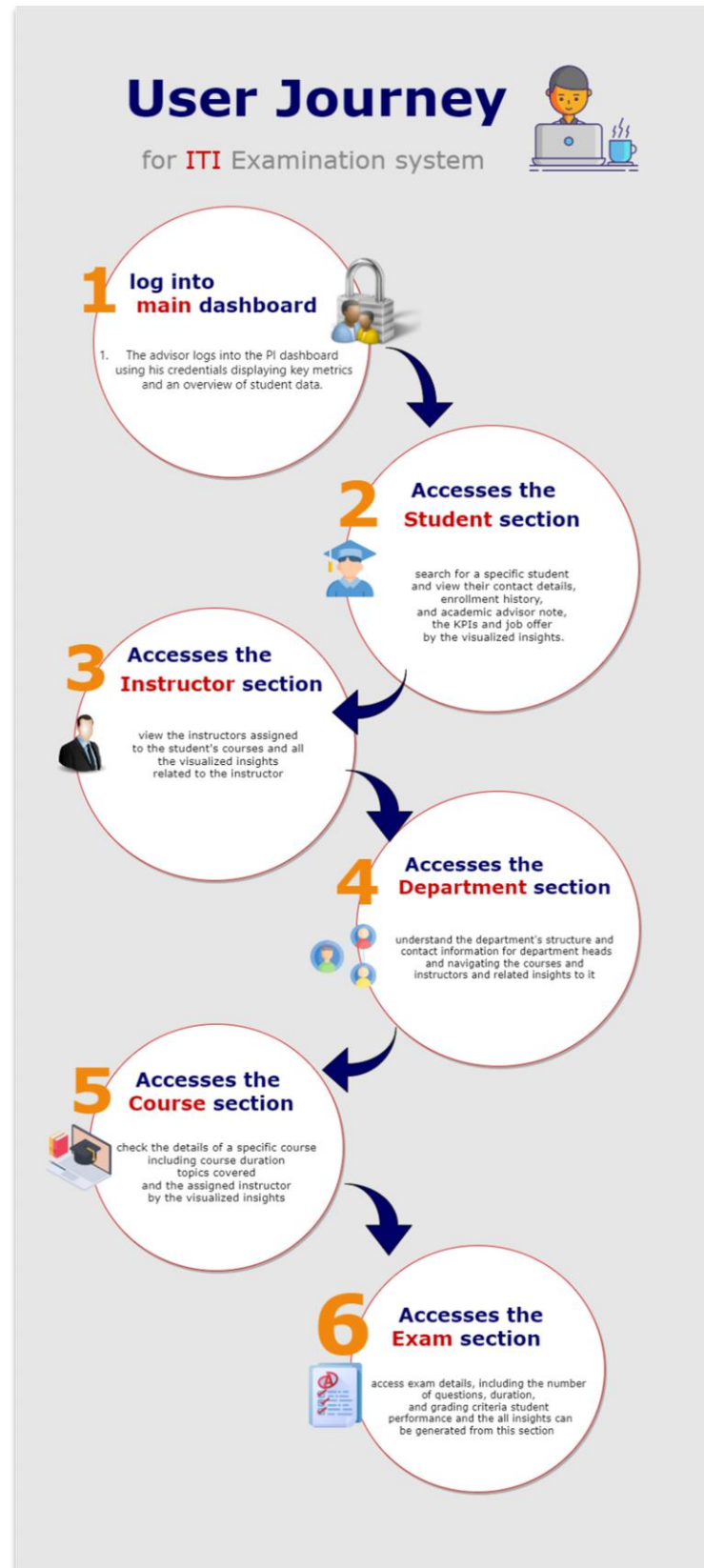


5- Exam overview :

Here we can see there is main filters on the dashboard here and it is the course name , and when you choose the name it will show immediately the insights due to it the total Exams number and number of total questions and exam duration , and also we have the number of exams by the month and number of questions by the question type and a table show information about the exam date and its day and number of exams and its id



By all of those dashboards you can navigate through the system and get the main insight you want and do the analysis in an easy way to help you in improving your progress in the educational institution and the progress of the student and we can sum this up in the journey map of the user in the up coming visual :

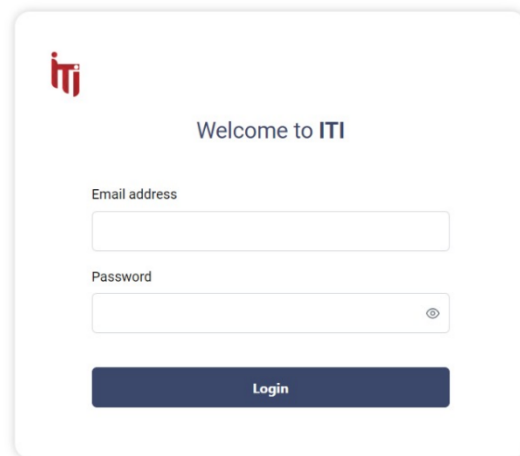


Student Portal Website

This documentation provides a comprehensive overview of the student portal website, including descriptions, user interfaces, and functionalities for each component.

1- Login page:

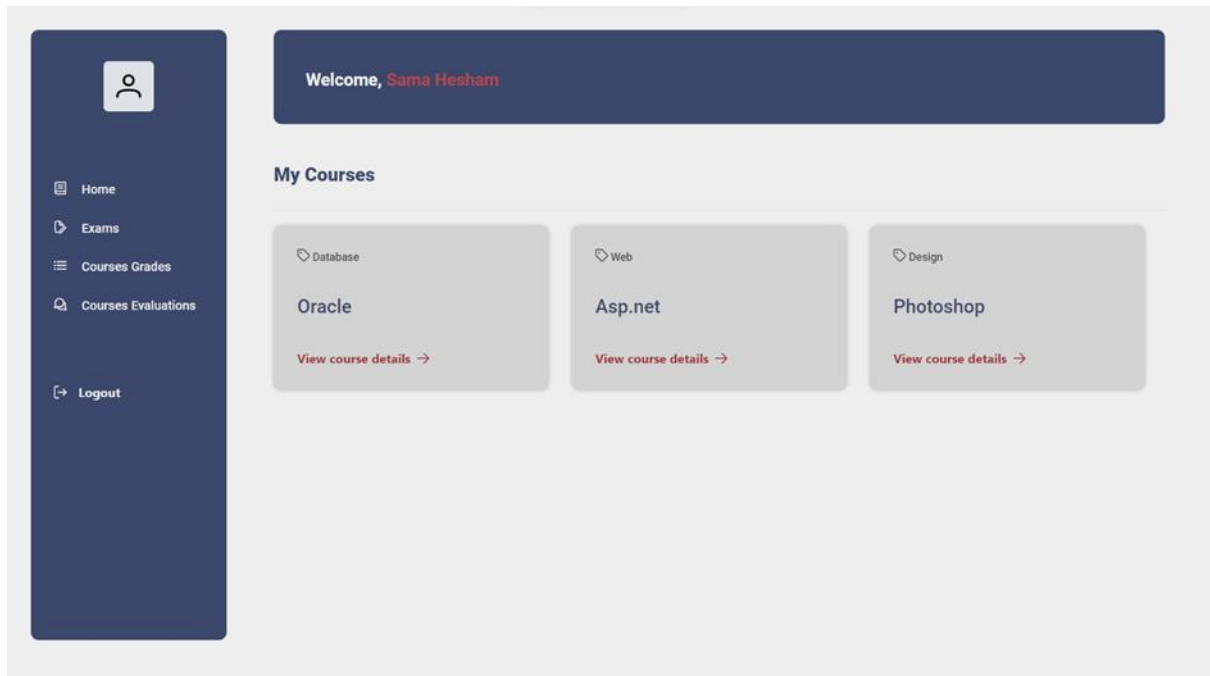
- The login page provides access for registered students to log into their accounts.
- Users enter their credentials (username and password) to log in.



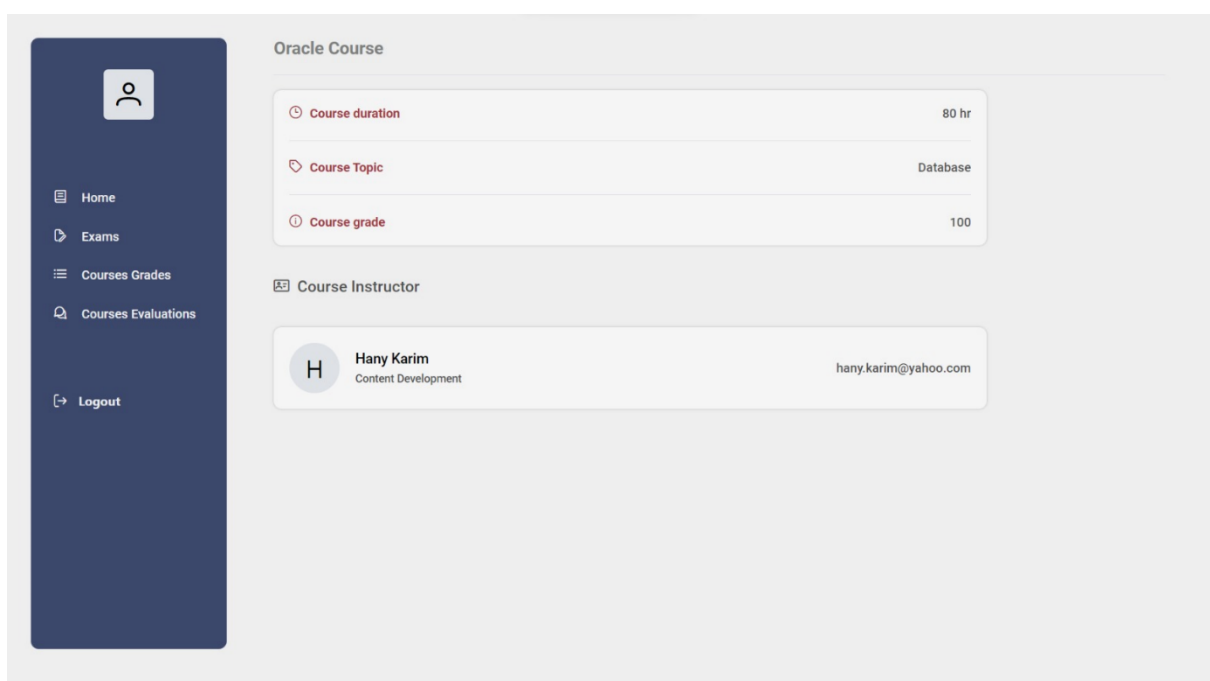
The image shows a mockup of a login page for ITI. It features a white background with a red ITI logo in the top left corner. The text "Welcome to ITI" is centered below the logo. There are two input fields: "Email address" and "Password". The "Email address" field is a simple white box with a light gray border. The "Password" field is a white box with a light gray border and a small eye icon on the right side to toggle visibility. Below the input fields is a dark blue button with the text "Login" in white.

2- Home Page:

- The home page serves as the central dashboard for students after logging in.
- Displays a list of courses assigned to the student.
- Each course has a "View Course Details" button.

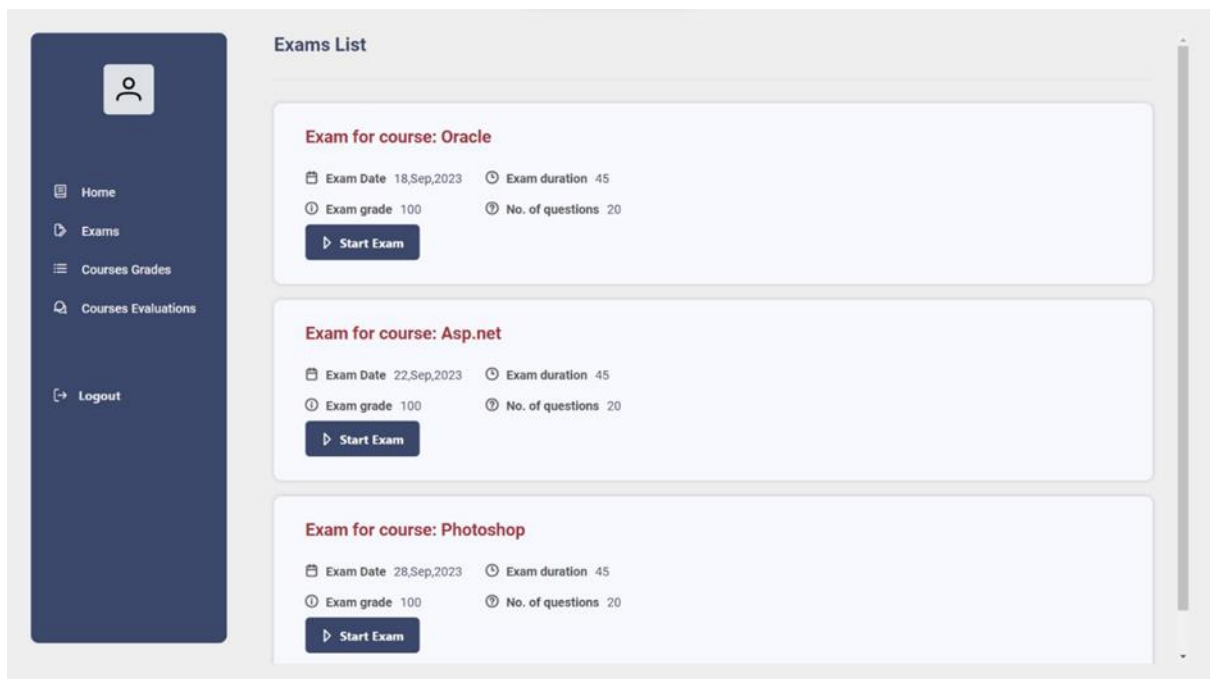


- provides specific information about a selected course.
- Course duration, topic, grade, and instructor.

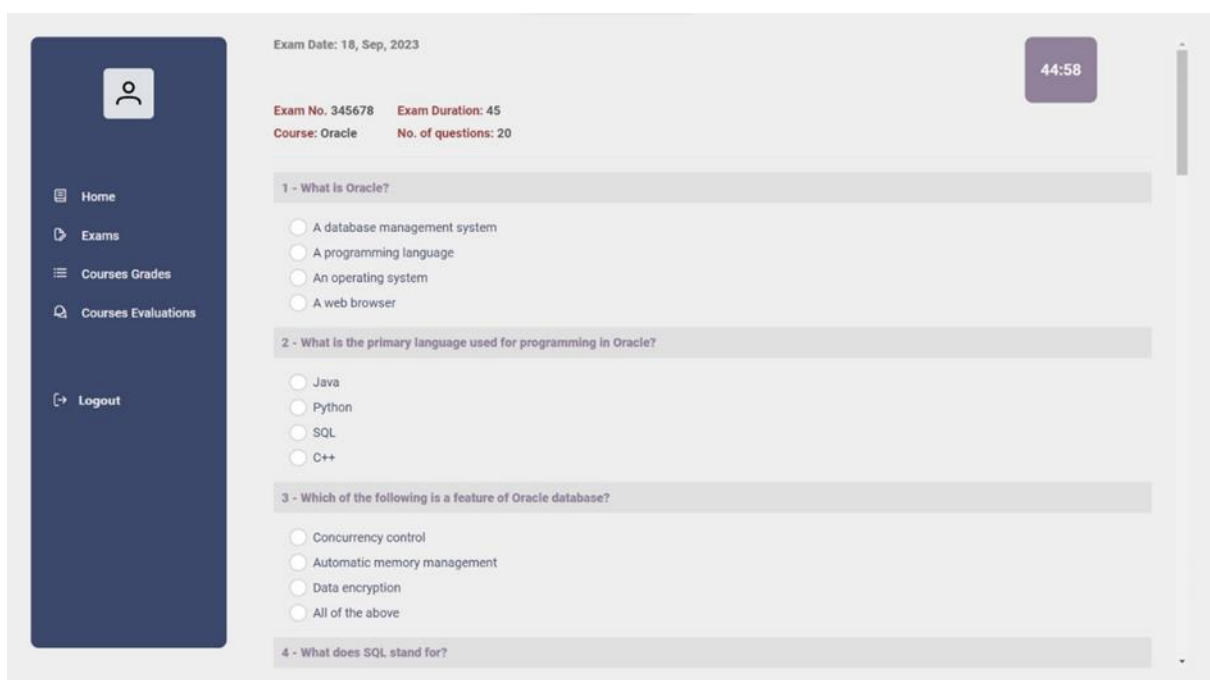


3- Exam Page:

- The exam page allows students to access and complete exams for their assigned courses.
- Displays available exams for the student.
- "Start Exam" button initiates the exam.



- Exam timer is visible.



- Students answer questions and submit.

The screenshot shows a student's exam interface. On the left is a dark blue sidebar with a user icon and navigation links: Home, Exams, Courses Grades, Courses Evaluations, and Logout. The main area is light gray and contains five questions, each with two radio button options (TRUE and FALSE). The questions are:

- To update the schema definition.
- 16 - Oracle is a relational database management system.
- 17 - Oracle supports transactional processing.
- 18 - Oracle can be used to build web applications.
- 19 - Oracle provides built-in data encryption features.
- 20 - Oracle is an open-source database management system.

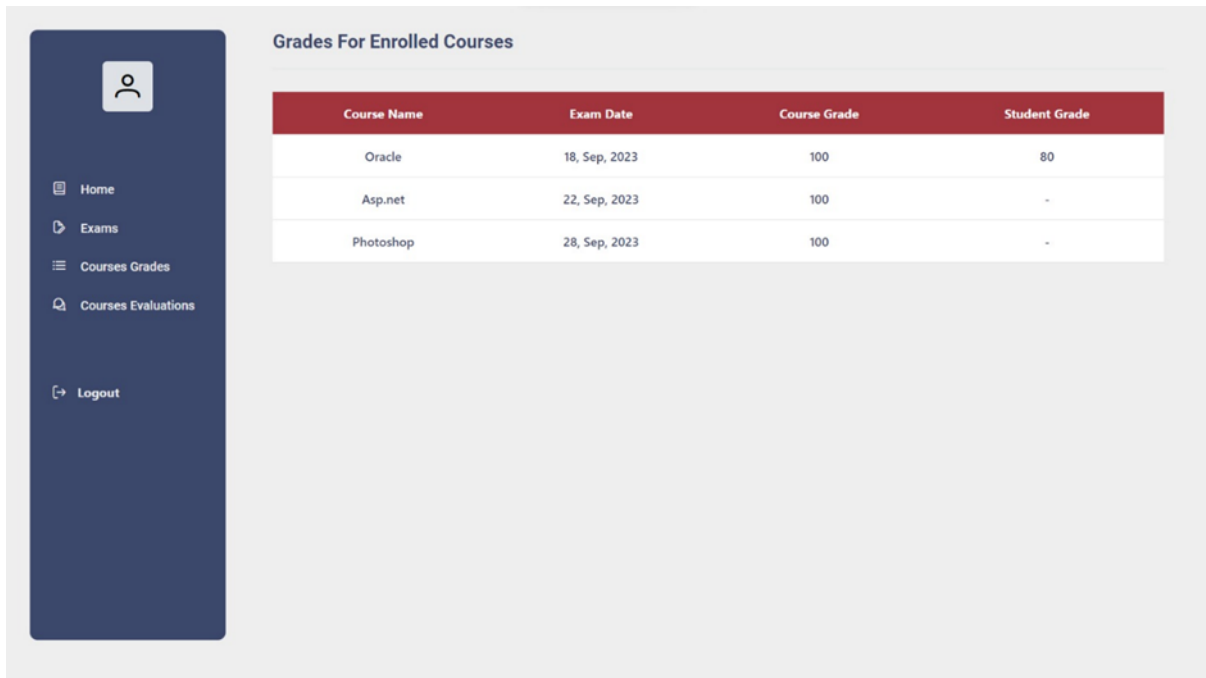
At the bottom right of the question list is a red "Submit" button.

- After submission, score and option to revisit the exam.

The screenshot shows the post-exam results screen. The left sidebar is identical to the previous screen. The main area is light gray and displays the text "Your score is 80 out of 100." in bold. Below this text is a red link that says "Go to Exams →".

4- Courses Grades Page:

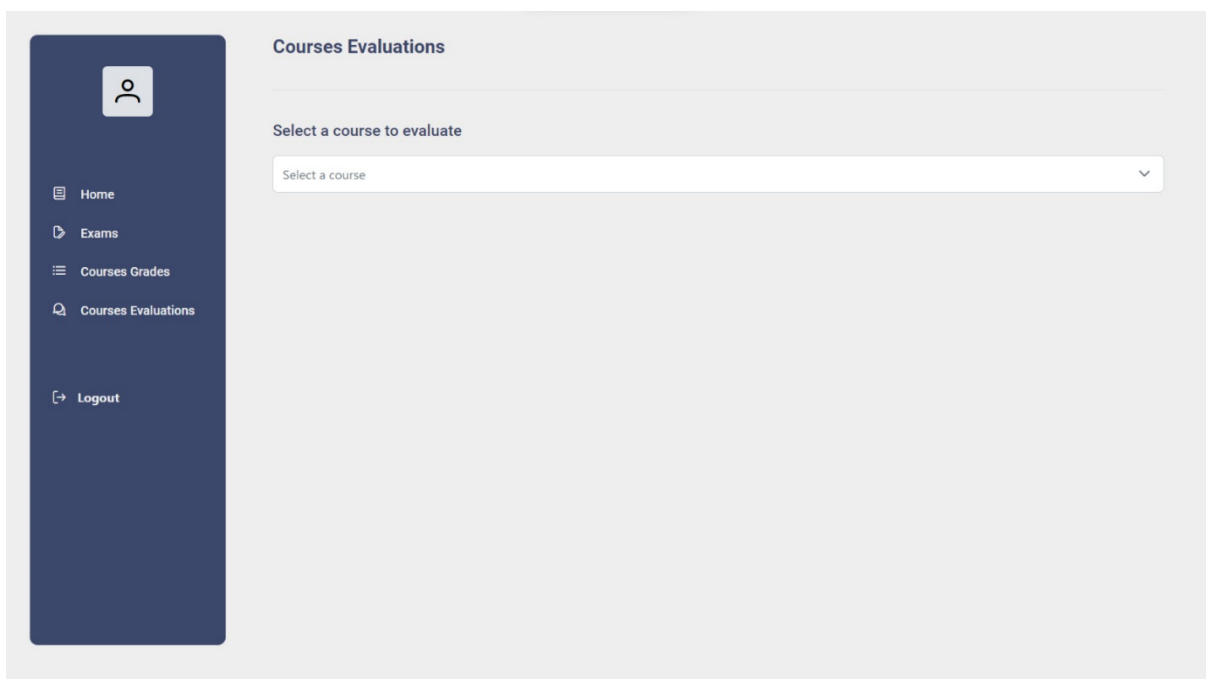
- The courses grades page provides an overview of the student's performance in each course.
- Course name, exam date, and grade.



Course Name	Exam Date	Course Grade	Student Grade
Oracle	18, Sep, 2023	100	80
Asp.net	22, Sep, 2023	100	-
Photoshop	28, Sep, 2023	100	-

5- Courses Evaluation Page:

- The courses evaluation page allows students to give feedback on their courses.



Courses Evaluations

Select a course to evaluate

Select a course


- Dropdown menu to select the course for evaluation.

The screenshot shows a web application interface for 'Courses Evaluations'. On the left is a dark blue sidebar with a user profile icon at the top, followed by menu items: 'Home', 'Exams', 'Courses Grades', 'Courses Evaluations', and 'Logout'. The main content area has a title 'Courses Evaluations' and a section 'Select a course to evaluate'. Below this is a dropdown menu with the placeholder text 'Select a course'. The dropdown is open, showing three options: 'Oracle', 'Asp.net', and 'Photoshop'.

- Feedback questions with 1 to 5 rating options.

This screenshot shows the same 'Courses Evaluations' page, but with the 'Oracle' course selected in the dropdown menu. Below the dropdown, there are six feedback questions, each with a 1 to 5 rating scale using radio buttons. The questions are: '1 - Course Content', '2 - Course Material Helpful', '3 - Course Well Organized', '4 - Instructor Class Time', '5 - Instructor Response to Questions', and '6 - Instructor gives clear examples'. The interface includes the same sidebar and a vertical scrollbar on the right side of the main content area.

- Then Submit



Home

Exams

Courses Grades

Courses Evaluations

Logout

Grade

1 - Course Content

☐ 1

☐ 2

☐ 3

☒ 4

☐ 5

2 - Course Material Helpful

☐ 1

☐ 2

☒ 3

☐ 4

☐ 5

3 - Course Well Organized

☐ 1

☐ 2

☐ 3

☒ 4

☐ 5

4 - Instructor Class Time

☐ 1

☐ 2

☐ 3

☒ 4

☐ 5

5 - Instructor Response to Questions

☐ 1

☐ 2

☐ 3

☒ 4

☐ 5

6 - Instructor gives clear examples

☐ 1

☐ 2

☒ 3

☐ 4

☐ 5

Submit