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**TH-7023-Sem 3-Web Development with
ASP.NET MVC and CORE's report**

Submitted on Apr 06 2023 17:18:09 IST

**6.0 (30%)**

scored out of 20

**Failed**

in the assignment (Cut-off score 40%)

**16**

problems attempted out of 16

Test time analysis

**18m 8s**

time taken for completion

**Apr 05 2023 09:00:30 IST**

test invite time

**Apr 06 2023 17:00:01 IST**

test start time

**Apr 06 2023 17:18:09 IST**

test end time

Performance summary

**5**

solutions accepted

**11**

solutions rejected

Solutions

Problem Name	Problem Type	Status	Score
Web Development with ASP.NET MVC and CORE1	MCQ	ACCEPTED	1.0 / 1
Web Development with ASP.NET MVC and CORE1	MCQ	ACCEPTED	1.0 / 1
Web Development with ASP.NET MVC and CORE1	MCQ	REJECTED	0.0 / 1
Web Development with ASP.NET MVC and CORE1	MCQ	REJECTED	0.0 / 1
Web Development with ASP.NET MVC and CORE1	MCQ	ACCEPTED	1.0 / 1
Web Development with ASP.NET MVC and CORE1	MCQ	REJECTED	0.0 / 1
Web Development with ASP.NET MVC and CORE1	MCQ	REJECTED	0.0 / 1
Web Development with ASP.NET MVC and CORE1	MCQ	REJECTED	0.0 / 1
Web Development with ASP.NET MVC and CORE1	MCQ	REJECTED	0.0 / 1
Web Development with ASP.NET MVC and CORE1	MCQ	REJECTED	0.0 / 1
Web Development with ASP.NET MVC and CORE1	MCQ	REJECTED	0.0 / 1
Web Development with ASP.NET MVC and CORE1	MCQ	ACCEPTED	1.0 / 1
Web Development with ASP.NET MVC and CORE1	MCQ	ACCEPTED	2.0 / 2

Problem Name	Problem Type	Status	Score
Web Development with ASP.NET MVC and CORE1	MCQ	REJECTED	0.0 / 2
Web Development with ASP.NET MVC and CORE1	MCQ	REJECTED	0.0 / 2
Web Development with ASP.NET MVC and CORE1	MCQ	REJECTED	0.0 / 2

Detailed Report

Problem 1 : Web Development with ASP.NET MVC and CORE1

MCQ

SCORE: 1

_____ can be defined as a pattern-matching approach that tracks requests and decides where to send it for further processing.

Solution

ACCEPTED

SCORE: 1.0 / 1

CANDIDATE'S ANSWER	CORRECT ANSWER
Routing	
Cascading	
Impersonation	
Authentication	

Problem 2 : Web Development with ASP.NET MVC and CORE1

MCQ

SCORE: 1

Which middleware from ASP.NET 4.5 onwards generates tokens for applications?

Solution

ACCEPTED

SCORE: 1.0 / 1

UserOAuthAuthorizationServer

OAuthAuthorizationServer

UseOAuthAuthenticationServer

CANDIDATE'S ANSWER

UseOAuthAuthorizationServer

CORRECT ANSWER

Problem 3 : Web Development with ASP.NET MVC and CORE1

MCQ

SCORE: 1

Which of the following is not part of Onion Architecture?

Solution

REJECTED

SCORE: 0.0 / 1

UI	
Service	
CANDIDATE'S ANSWER Repository	
Business Logic	CORRECT ANSWER

Problem 4 : Web Development with ASP.NET MVC and CORE1

MCQ

SCORE: 1

Any ASP.NET Core Web application project, by default, has a method named CreateWebHostBuilder. This method calls ConfigureWebHostDefaults that uses the _____ function internally.

Solution

REJECTED

SCORE: 0.0 / 1

InvokeKestrel	
UseKestrel	CORRECT ANSWER
InitKestrel	
CANDIDATE'S ANSWER InitiateKestrel	

Problem 5 : Web Development with ASP.NET MVC and CORE1

MCQ

SCORE: 1

Which class does ASP.NET Core use to configure and create WebHosts?

Solution

ACCEPTED

SCORE: 1.0 / 1

WebHostingBuilder

CANDIDATE'S ANSWER

WebHostBuilder

CORRECT ANSWER

WebHostBuilders

WebCoreHostBuilder

Problem 6 : Web Development with ASP.NET MVC and CORE1

MCQ

SCORE: 1

Controllers form the central unit of the ASP.NET MVC application. Which statement is true for Controllers?

Solution

REJECTED

SCORE: 0.0 / 1

CANDIDATE'S ANSWER

It is the first unit that any incoming HTTP Request communicates with.

CORRECT ANSWER**CANDIDATE'S ANSWER**

It also has the responsibility of deciding which model to choose.

CORRECT ANSWER

Controllers form the central unit of the ASP.NET MVC application.

CORRECT ANSWER**CANDIDATE'S ANSWER**

A controller action or a complete controller can be associated with an attribute.

CORRECT ANSWER

Problem 7 : Web Development with ASP.NET MVC and CORE1

MCQ

SCORE: 1

Which of the following is correct about Layout View?

Solution

REJECTED

SCORE: 0.0 / 1

CANDIDATE'S ANSWER

The common sections are the header section and footer section.

CORRECT ANSWER

The common sections are the header section, footer section, and left and right navigation.

The common sections are the left and right navigation.

Nothing is default.

Problem 8 : Web Development with ASP.NET MVC and CORE1

MCQ

SCORE: 1

While working with Code First Approach in EF, which one of the following command of Visual Studio is used to initiate database creation at database side?

Solution

REJECTED

SCORE: 0.0 / 1

Add-Migration	CORRECT ANSWER
CANDIDATE'S ANSWER Add-DBMigration	
Add-DB-Migration	
Add-DatabaseMigration	

Problem 9 : Web Development with ASP.NET MVC and CORE1

MCQ

SCORE: 1

When an exception occurs unexpectedly and is out of scope of the try/catch/finally block, the page error and the application error event handlers are used. Thus, when there is no way to handle an exception that has occurred abnormally, it is handled at ____.

Solution

REJECTED

SCORE: 0.0 / 1

CANDIDATE'S ANSWER

Exception_Error

CANDIDATE'S ANSWER

Handled_Error

Page_Error

CORRECT ANSWER**CANDIDATE'S ANSWER**

Application_Error

CORRECT ANSWER

**Problem 10 : Web Development
with ASP.NET MVC and CORE1**

MCQ

SCORE: 1

Which of the following options are true for Unit of Work (UoW)?

Solution

REJECTED

SCORE: 0.0 / 1

CANDIDATE'S ANSWER

The concept of a Unit of Work (UoW) is important for successful implementation of a repository pattern.

CORRECT ANSWER**CANDIDATE'S ANSWER**

The Unit of Work (UoW) is a type of business transaction that combines all CRUD transactions, such as insert/update/delete into one.

CORRECT ANSWER

Unit of Work (UoW) ensures that the transactions are completed once instead of multiple transactions.

CORRECT ANSWER**CANDIDATE'S ANSWER**

Unit of Work (UoW) ensures Mvc Core App to be available for Azure environment.

**Problem 11 : Web Development
with ASP.NET MVC and CORE1**

MCQ

SCORE: 1

Identify the correct working of Dependency Inversion Principle.

Solution

REJECTED

SCORE: 0.0 / 1

CORRECT ANSWER

It is used with IoC to achieve loose coupling

CANDIDATE'S ANSWER

Dependency Inversion Principle add another layer of encapsulation

CANDIDATE'S ANSWER**CORRECT ANSWER**

removes the dependency between high-level modules or classes and low-level modules or classes

as per Dependency Inversion Principle the classes should not be concrete

**Problem 12 : Web Development
with ASP.NET MVC and CORE1**

MCQ

SCORE: 1

Which of the following class is an exception filter?

Solution

ACCEPTED

SCORE: 1.0 / 1

CANDIDATE'S ANSWER	CORRECT ANSWER
HandleErrorAttribute	
HandleErrorInfo	
DivideByZeroException	
Exception	

Problem 13 : Web Development with ASP.NET MVC and CORE1

MCQ

SCORE: 2

Which fact(s) are true about AutoMapper?

Solution

ACCEPTED

SCORE: 2.0 / 2

CANDIDATE'S ANSWER**CORRECT ANSWER**

It is a convention-based object-to-object mapper, which requires minimal changes.

AutoMapper is a library that works with ASP.Net Core Applications only.

AutoMapper does not allow type changing for existing classes.

CANDIDATE'S ANSWER**CORRECT ANSWER**

AutoMapper is a small library for .NET that allows changing the type of an object.

**Problem 14 : Web Development
with ASP.NET MVC and CORE1**

MCQ

SCORE: 2

Which of the following statements are the benefits of Unit of Work (UoW)?

Solution

REJECTED

SCORE: 0.0 / 2

CANDIDATE'S ANSWER

Ensures ease of testability through implementation of unit testing.

CORRECT ANSWER

No redundancy in code though number of classes are more.

CORRECT ANSWER**CANDIDATE'S ANSWER**

Ensures flexibility in architecture because business and data layers are separate.

CORRECT ANSWER**CANDIDATE'S ANSWER**

Increased encapsulation due to separation of business logic and database.

**Problem 15 : Web Development
with ASP.NET MVC and CORE1**

MCQ

SCORE: 2

Which built-in namespace is used for Data Annotations?

Solution

REJECTED

SCORE: 0.0 / 2

CORRECT ANSWER

System.ComponentModel.DataAnnotations

System.Core.ComponentModel.DataAnnotations

CANDIDATE'S ANSWER

System.ComponentModel.DataAnnotations

System.ComponentModel.Core.DataAnnotations

**Problem 16 : Web Development
with ASP.NET MVC and CORE1**

MCQ

SCORE: 2

Which statement(s) are true for Generic Repository?

Solution

REJECTED

SCORE: 0.0 / 2

The generic repository pattern is used to provide common database activities	CORRECT ANSWER
CANDIDATE'S ANSWER Generic Repository Pattern will have database entities in a single class	CORRECT ANSWER
CANDIDATE'S ANSWER Generic Repository will use <identifier> in the class specification to refer to the object	CORRECT ANSWER
CANDIDATE'S ANSWER Generic Repository class should not implemented from Interface	