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

Submitted on Mar 06 2023 11:52:54 IST

**8.0 (40%)**

scored out of 20

**Passed**

in the assignment (Cut-off score 40%)

**16**

problems attempted out of 16

## Test time analysis

**20m 26s**

time taken for completion

**Mar 03 2023 12:52:59 IST**

test invite time

**Mar 06 2023 11:32:27 IST**

test start time

**Mar 06 2023 11:52:54 IST**

test end time

## Performance summary

**6**

solutions accepted

**10**

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	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	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	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 / 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	ACCEPTED	2.0 / 2
Web Development with ASP.NET MVC and CORE1	MCQ	ACCEPTED	2.0 / 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**

REJECTED

SCORE: 0.0 / 1

**CANDIDATE'S ANSWER**

UserOAuthAuthorizationServer

OAuthAuthorizationServer

UseOAuthAuthenticationServer

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

##### CANDIDATE'S ANSWER

UI

Service

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

#### CANDIDATE'S ANSWER

InvokeKestrel

#### CORRECT ANSWER

UseKestrel

InitKestrel

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**

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

**CORRECT ANSWER****CANDIDATE'S ANSWER**

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

**CORRECT ANSWER****CANDIDATE'S ANSWER**

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

**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**

ACCEPTED

SCORE: 1.0 / 1

The common sections are the header section and footer section.

**CANDIDATE'S ANSWER****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
Add-DBMigration	
CANDIDATE'S ANSWER 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

Exception_Error	
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

**CORRECT ANSWER**

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

**CANDIDATE'S ANSWER****CORRECT ANSWER**

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

**CANDIDATE'S ANSWER****CORRECT ANSWER**

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

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**

ACCEPTED

SCORE: 1.0 / 1

**CANDIDATE'S ANSWER**

It is used with IoC to achieve loose coupling

**CORRECT ANSWER**

Dependency Inversion Principle add another layer of encapsulation

**CANDIDATE'S ANSWER**

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

**CORRECT ANSWER**

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**

REJECTED

SCORE: 0.0 / 1

HandleErrorAttribute	CORRECT ANSWER
HandleErrorInfo	
DivideByZeroException	
CANDIDATE'S ANSWER Exception	

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

MCQ

SCORE: 2

Which fact(s) are true about AutoMapper?

**Solution**

REJECTED

SCORE: 0.0 / 2

**CANDIDATE'S ANSWER**

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

**CORRECT ANSWER****CANDIDATE'S ANSWER**

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

AutoMapper does not allow type changing for existing classes.

**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

Ensures ease of testability through implementation of unit testing.	CORRECT ANSWER
<b>CANDIDATE'S ANSWER</b> No redundancy in code though number of classes are more.	CORRECT ANSWER
<b>CANDIDATE'S ANSWER</b> Ensures flexibility in architecture because business and data layers are separate.	CORRECT 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**

ACCEPTED

SCORE: 2.0 / 2

CANDIDATE'S ANSWER	CORRECT ANSWER
System.ComponentModel.DataAnnotations	
System.Core.ComponentModel.DataAnnotations	
System.ComponentCoreModel.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**

ACCEPTED

SCORE: 2.0 / 2

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