



C# .NET Practical Exam Checklist

UT _____

Project Creation (10 points) <ul style="list-style-type: none">Successfully create and set up the initial C# .NET project.	
SQL Connection Configuration (10 points) <ul style="list-style-type: none">Correctly configure the SQL connection string in the project	
Entity Model Creation (10 points) <ul style="list-style-type: none">Create accurate and functional Entity models representing the database tables.	
Migration & Database Update (10 points) <ul style="list-style-type: none">Perform migrations and successfully update the database to reflect the Entity models.	
Table Verification in SSMS (10 points) <ul style="list-style-type: none">Verify the creation of tables in SQL Server Management Studio (SSMS).	
Request and Response Model Creation (10 points) <ul style="list-style-type: none">Create appropriate Request and Response models for API endpoints.	
Post API Creation (10 points) <ul style="list-style-type: none">Implement a functional Post API that correctly handles data insertion.	
Get API Creation (10 points) <ul style="list-style-type: none">Implement a functional Get API that correctly retrieves data.	
Performance Optimization (10 points) <ul style="list-style-type: none">Ensure the project runs efficiently, optimizing where necessary.	
LINQ (Select) Query Usage (10 points) <ul style="list-style-type: none">Replace any <code>foreach</code> loops with LINQ <code>Select</code> queries for improved code efficiency.	
Total	

Date : 31-08-2024 | Lecture Name : _____ | Signature : _____