### **AMLModel.cs**

csharp

CopyEdit

namespace PES.WebAPI.Models

{

public class AMLModel

{

public string PlanNumber { get; set; }

public string Status { get; set; }

public DateTime ComplianceDate { get; set; }

public string? Comments { get; set; }

}

}

### **TrusteeModel.cs**

csharp

CopyEdit

namespace PES.WebAPI.Models

{

public class TrusteeModel

{

public string Name { get; set; }

public string Email { get; set; }

public string? Phone { get; set; }

public string PlanNumber { get; set; }

}

}

### **SPModel.cs**

csharp

CopyEdit

namespace PES.WebAPI.Models

{

public class SPModel

{

public string Name { get; set; }

public string ServiceType { get; set; }

public int TrusteeId { get; set; }

}

}

## **2. Update Controllers**

### **AMLController.cs**

csharp

CopyEdit

using Dapper;

using Microsoft.AspNetCore.Mvc;

using PES.WebAPI.Data;

using PES.WebAPI.Models;

[ApiController]

[Route("api/[controller]")]

public class AMLController : ControllerBase

{

private readonly DapperContext \_context;

public AMLController(DapperContext context)

{

\_context = context;

}

[HttpPost]

public async Task<IActionResult> Create([FromBody] AMLModel model)

{

var sql = @"INSERT INTO Deepanshu\_AML (Plan\_Number, Status, Compliance\_Date, Comments)

VALUES (@PlanNumber, @Status, @ComplianceDate, @Comments)";

using var conn = \_context.CreateConnection();

await conn.ExecuteAsync(sql, model);

return Ok("AML record inserted successfully");

}

[HttpGet]

public async Task<IActionResult> GetAll()

{

var sql = "SELECT \* FROM Deepanshu\_AML WITH (NOLOCK)";

using var conn = \_context.CreateConnection();

var data = await conn.QueryAsync(sql);

return Ok(data);

}

}

### **TrusteeController.cs**

csharp

CopyEdit

using Dapper;

using Microsoft.AspNetCore.Mvc;

using PES.WebAPI.Data;

using PES.WebAPI.Models;

[ApiController]

[Route("api/[controller]")]

public class TrusteeController : ControllerBase

{

private readonly DapperContext \_context;

public TrusteeController(DapperContext context)

{

\_context = context;

}

[HttpPost]

public async Task<IActionResult> Create([FromBody] TrusteeModel model)

{

var sql = @"INSERT INTO Deepanshu\_Trustee (Name, Email, Phone, Plan\_Number)

VALUES (@Name, @Email, @Phone, @PlanNumber)";

using var conn = \_context.CreateConnection();

await conn.ExecuteAsync(sql, model);

return Ok("Trustee record inserted successfully");

}

[HttpGet]

public async Task<IActionResult> GetAll()

{

var sql = "SELECT \* FROM Deepanshu\_Trustee WITH (NOLOCK)";

using var conn = \_context.CreateConnection();

var data = await conn.QueryAsync(sql);

return Ok(data);

}

}

### **SPController.cs**

csharp

CopyEdit

using Dapper;

using Microsoft.AspNetCore.Mvc;

using PES.WebAPI.Data;

using PES.WebAPI.Models;

[ApiController]

[Route("api/[controller]")]

public class SPController : ControllerBase

{

private readonly DapperContext \_context;

public SPController(DapperContext context)

{

\_context = context;

}

[HttpPost]

public async Task<IActionResult> Create([FromBody] SPModel model)

{

var sql = @"INSERT INTO Deepanshu\_SP (Name, Service\_Type, Trustee\_ID)

VALUES (@Name, @ServiceType, @TrusteeId)";

using var conn = \_context.CreateConnection();

await conn.ExecuteAsync(sql, model);

return Ok("SP record inserted successfully");

}

[HttpGet]

public async Task<IActionResult> GetAll()

{

var sql = "SELECT \* FROM Deepanshu\_SP WITH (NOLOCK)";

using var conn = \_context.CreateConnection();

var data = await conn.QueryAsync(sql);

return Ok(data);

}

}

## **3. Run and Check Swagger**

1. Rebuild the solution.
2. Navigate to **http://localhost:5041/swagger/index.html**.
3. Under each controller (AML, Trustee, SP), the POST endpoints will now show full schema (fields with data types).