

SEGUNDO EXAMEN PARCIAL



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Asignatura: Optativo V

Carrera: Ing. En Informática

Semestre: 9no

Turno: Noche

Periodo: 2024-1

Profesor/a: MSc. Juan José Dos Santos

Fecha: 20 de mayo del 2024

Puntos Totales: 37 (27 Examen + 10 Proceso).

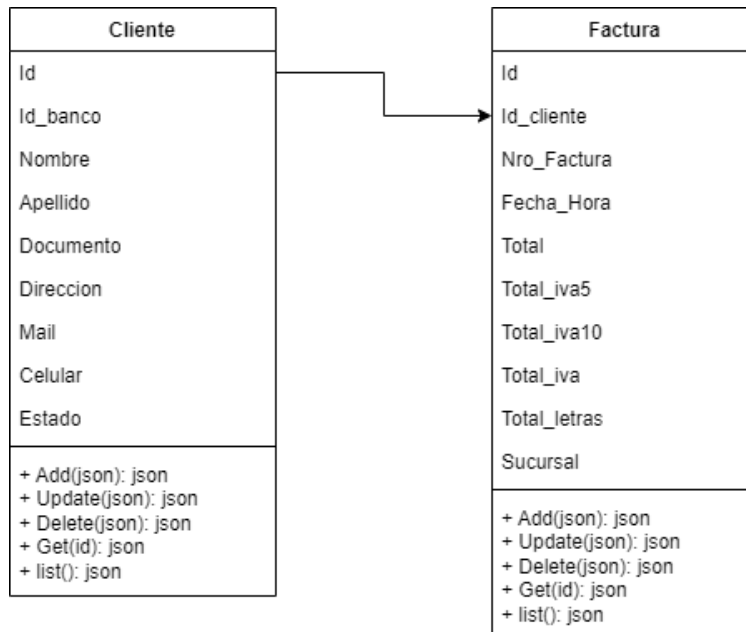
Puntos Correctos:

Porcentaje:

1ºP.: ☐ 2ºP.: ☒ 3ºP.: ☐ E.F.: ☐ E.E.: ☐

Instrucciones: Contar con todos los elementos necesarios para el examen. El examen es individual. Desarrollo en la hoja institucional con la firma del docente para que sea válido.

TEMA 1 (27P) EN BASE A LA PRIMERA PARCIAL, REUTILIZAR EL PROYECTO Y DESARROLLAR LO APRENDIDO, CUMPLIENDO LOS PUNTOS PROPUESTOS:



REUTILIZAR LA CAPA REPOSITORY, CON EL PROYECTO DE TIPO BIBLIOTECA DE CLASES, IMPORTAR E IMPLEMENTAR EL USO DE UN ORM (ENTITY FRAMEWORK).

REUTILIZAR PROYECTO DE TIPO BIBLIOTECA DE CLASES Y MANTENER LA LÓGICA Y REGLAS DE NEGOCIO, CUMPLIR CON TODOS LOS PUNTOS (OBLIGATORIO):

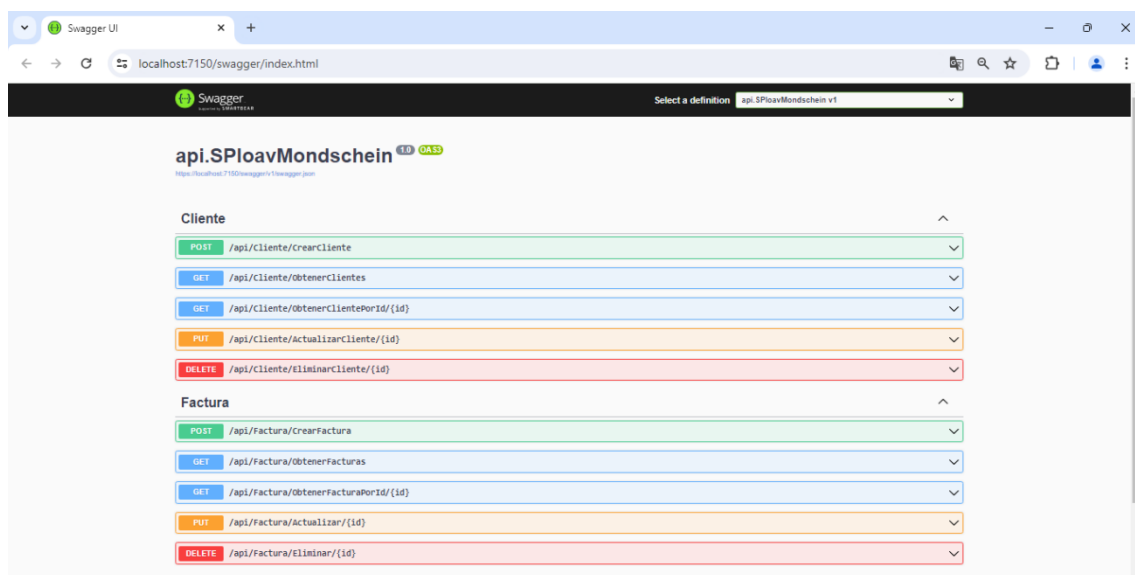
- CREAR LA CLASE SERVICIO CLIENTE PARA LAS SIGUIENTES VALIDACIONES.
 - Nombre, Apellido y Cedula Obligatorios y mínimo de caracteres 3.
 - Celular como dato numérico de longitud 10.
- DESARROLLAR LA CLASE SERVICIO FACTURA PARA LAS SIGUIENTES VALIDACIONES.
 - Nro. Factura de tipo cadena con patrones como 3 primeros caracteres con datos numéricos, 4to carácter guión, posiciones del 5 al 7 con datos numéricos, 8va posición con guión, 6 caracteres últimos con datos numéricos.
 - Total, Total_iva5, Total_iva10, Total_iva datos de tipo numéricos obligatorios.
 - Total en letras obligatorio, al menos 6 caracteres.

INDICADORES

LOS INDICADORES ESTÁN SUJETOS A LA IMPORTACIÓN Y USO DE ENTITY FRAMEWORK.

- CREA CORRECTAMENTE LAS 3 CAPAS (REPOSITORY, SERVICE Y WEBAPI) (3 PUNTOS)
- UTILIZA CORRECTAMENTE LA CAPA DE REPOSITORY Y LAS CLASES PROGRAMADAS (3 PUNTOS)
 - CONTIENE UNA CLASE CONEXIÓN
 - CONTIENE LAS CLASES MODELOS
 - CONTIENE LAS CLASES REPOSITORY PARA LOS MÉTODOS CRUD Y LISTADO
- UTILIZA CORRECTAMENTE LA CAPA DE SERVICE (6 PUNTOS).
 - CONTIENE TODAS LAS VALIDACIONES DE LA CLASE CLIENTE.
 - CONTIENE TODAS LAS VALIDACIONES DE LA CLASE FACTURA.
 - CONECTA CORRECTAMENTE A LA CAPA REPOSITORY
- CREA CORRECTAMENTE LOS ENDPOINTS DE LA CAPA WEBAPI (4 PUNTOS).
- REALIZA CORRECTAMENTE EL CRUD Y EL LISTADO DE CLIENTES (5 PUNTOS).
- REALIZA CORRECTAMENTE EL CRUD Y EL LISTADO DE FACTURAS (5 PUNTOS).
- LA SOLUCIÓN NO PRESENTA NINGÚN ERROR (1 PUNTO).

Print Screen



Swagger UI

localhost:7150/swagger/index.html

```
{
  "id": 0,
  "id_banco": 0,
  "nombre": "Juan",
  "apellido": "Mondschtein",
  "documento": "4982683",
  "direccion": "Av. Aviadores del Chaco",
  "email": "juanmondstein@gmail.com",
  "celular": "0991384682",
  "estado": true
}
```

Execute Clear

Responses

Curl

```
curl -X 'POST' \
  https://localhost:7150/api/Cliente/CrearCliente \
  -H 'accept: */*' \
  -H 'Content-Type: application/json' \
  -d '{
    "id": 0,
    "id_banco": 0,
    "nombre": "Juan",
    "apellido": "Mondschtein",
    "documento": "4982683",
    "direccion": "Av. Aviadores del Chaco",
    "email": "juanmondstein@gmail.com",
    "celular": "0991384682",
    "estado": true
  }'
```

Request URL

https://localhost:7150/api/Cliente/CrearCliente

Server response

Code Details

200

Response body

Cliente agregado correctamente.

Download

Swagger UI

localhost:7150/swagger/index.html

GET /api/Cliente/obtenerClientes

Parameters

No parameters

Execute Clear

Responses

Curl

```
curl -X 'GET' \
  https://localhost:7150/api/Cliente/obtenerClientes \
  -H 'accept: */*' \
  -H 'Content-Type: application/json'
```

Request URL

https://localhost:7150/api/Cliente/obtenerClientes

Server response

Code Details

200

Response body

```
{
  "id": 0,
  "id_banco": 0,
  "nombre": "Juan",
  "apellido": "Mondschtein",
  "documento": "4982683",
  "direccion": "Av. Aviadores del Chaco",
  "email": "juanmondstein@gmail.com",
  "celular": "0991384682",
  "estado": true
}
```

Response headers

content-type: application/json; charset=utf-8

Swagger UI

localhost:7150/swagger/index.html

GET /api/Cliente/obtenerClientePorId/{id}

Parameters

Name Description

id = required Integer (int32) (path) 1

Execute Clear

Responses

Curl

```
curl -X 'GET' \
  https://localhost:7150/api/Cliente/obtenerClientePorId/1 \
  -H 'accept: */*' \
  -H 'Content-Type: application/json'
```

Request URL

https://localhost:7150/api/Cliente/obtenerClientePorId/1

Server response

Code Details

200

Response body

```
{
  "id": 0,
  "id_banco": 0,
  "nombre": "Juan",
  "apellido": "Mondschtein",
  "documento": "4982683",
  "direccion": "Av. Aviadores del Chaco",
  "email": "juanmondstein@gmail.com",
  "celular": "0991384682",
  "estado": true
}
```

Response headers

content-type: application/json; charset=utf-8
date: Thu, 11 May 2023 00:21:08 GMT
server: Express

Swagger UI

localhost:7150/swagger/index.html

```
{
  "id": 0,
  "id_banco": 0,
  "nombre": "Carlos",
  "apellido": "Benítez",
  "documento": "3798372",
  "direccion": "Av. Republica Argentina",
  "mail": "carlos@gmail.com",
  "celular": "0982784672",
  "estado": false
}
```

Execute Clear

Responses

Curl

```
curl -X PUT \
  https://localhost:7150/api/Cliente/ActualizarCliente/2 \
  -H 'accept: */*' \
  -H 'Content-Type: application/json' \
  -d {
    "id": 0,
    "id_banco": 0,
    "nombre": "Carlos",
    "apellido": "Benítez",
    "documento": "3798372",
    "direccion": "Av. Republica Argentina",
    "mail": "carlos@gmail.com",
    "celular": "0982784672",
    "estado": false
  }
```

Request URL

https://localhost:7150/api/Cliente/ActualizarCliente/2

Server response

Code	Details
200	Response body Cliente actualizado correctamente.

Download

Swagger UI

localhost:7150/swagger/index.html

DELETE /api/Cliente/eliminarCliente/{id}

Parameters

Name	Description
id = {value}	

Integer (int32) 2 (path)

Execute Clear

Responses

Curl

```
curl -X DELETE \
  https://localhost:7150/api/Cliente/eliminarCliente/2 \
  -H 'accept: */*' \
  -H 'Content-Type: */*' \
  -d {}
```

Request URL

https://localhost:7150/api/Cliente/eliminarCliente/2

Server response

Code	Details
200	Response body Cliente eliminado correctamente.

Response headers

```
Content-Type: text/plain; charset=utf-8
Date: Thu, 11 May 2023 00:25:39 GMT
Server: RestKit
```

Responses

Code	Description	Links
200	Success	No links

Swagger UI

localhost:7150/swagger/index.html

```
{
  "id": 0,
  "id_banco": 0,
  "nombre": "ho",
  "apellido": "string",
  "documento": "string",
  "direccion": "string",
  "mail": "string",
  "celular": "string",
  "estado": true
}
```

Execute Clear

Responses

Curl

```
curl -X POST \
  https://localhost:7150/api/Cliente/CrearCliente \
  -H 'accept: */*' \
  -H 'Content-Type: application/json' \
  -d {
    "id": 0,
    "id_banco": 0,
    "nombre": "ho",
    "apellido": "string",
    "documento": "string",
    "direccion": "string",
    "mail": "string",
    "celular": "string",
    "estado": true
  }
```

Request URL

https://localhost:7150/api/Cliente/CrearCliente

Server response

Code	Details
400	Error response status is 400

Response body

los datos del cliente no son válidos.

Factura

Swagger UI

localhost:7150/swagger/index.html

```
{
  "id": 8,
  "id_cliente": 8,
  "nro_factura": "985-885-872821",
  "fecha_venc": "2024-05-23T00:20:21.188Z",
  "total": 180000,
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  "total_base": 162000,
  "total_iva2": 25800,
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```

Swagger UI

localhost:7150/swagger/index.html

GET /api/Factura/obtenerFacturaPorId/{id}

Parameters

Name	Description
id	REQUIRED integer(50032) (path)

Execute Clear

Responses

Curl

```
curl -X GET \
  https://localhost:7150/api/Factura/obtenerFacturaPorId/2 \
  -H 'Accept: */*' \
  -H 'Accept-Language: es'
```

Request URL

```
https://localhost:7150/api/Factura/obtenerFacturaPorId/2
```

Server response

Code	Details
200	<p>Response body</p> <pre>{ "id": 2, "id_cliente": 8, "ing_factura": "2024-05-27T08:21", "fecha_venta": "2024-05-27T08:20:14.237Z", "total": 123215, "total_venta": 123215, "total_venta": 123215, "total_venta": 123215, "total_venta": "San dos tressa", "sucursal": "Local" }</pre> <p>Response headers</p> <pre>content-type: application/json; charset=utf-8 date: Thu, 31 May 2024 08:27:59 GMT server: Restful</pre>

Swagger UI

localhost:7150/swagger/index.html

PUT /api/Factura/Actualizar

Parameters

Name	Description
id	REQUIRED integer(50032) (path)

Execute Clear

Responses

Curl

```
curl -X PUT \
  https://localhost:7150/api/Factura/Actualizar \
  -H 'Accept: */*' \
  -H 'Content-Type: application/json' \
  -d '{
    "id": 2,
    "id_cliente": 8,
    "ing_factura": "2024-05-27T08:21",
    "fecha_venta": "2024-05-27T08:20:14.237Z",
    "total": 123215,
    "total_venta": 123215,
    "total_venta": 123215,
    "total_venta": 123215,
    "total_venta": "San dos tressa",
    "sucursal": "Local"
  }'
```

Request URL

```
https://localhost:7150/api/Factura/Actualizar
```

Server response

Code	Details
200	<p>Response body</p> <pre>Factura actualizada correctamente.</pre>

Swagger UI

localhost:7150/swagger/index.html

DELETE /api/Factura/Eliminar/{id}

Parameters

Name	Description
id	REQUIRED integer(50032) (path)

Execute Clear

Responses

Curl

```
curl -X DELETE \
  https://localhost:7150/api/Factura/Eliminar/2 \
  -H 'Accept: */*' \
  -H 'Accept-Language: es'
```

Request URL

```
https://localhost:7150/api/Factura/Eliminar/2
```

Server response

Code	Details
200	<p>Response body</p> <pre>Factura eliminada correctamente.</pre> <p>Response headers</p> <pre>content-type: text/plain; charset=utf-8 date: Thu, 31 May 2024 08:41:12 GMT server: Restful</pre>

Responses

Code	Description	Links
200	Success	No links