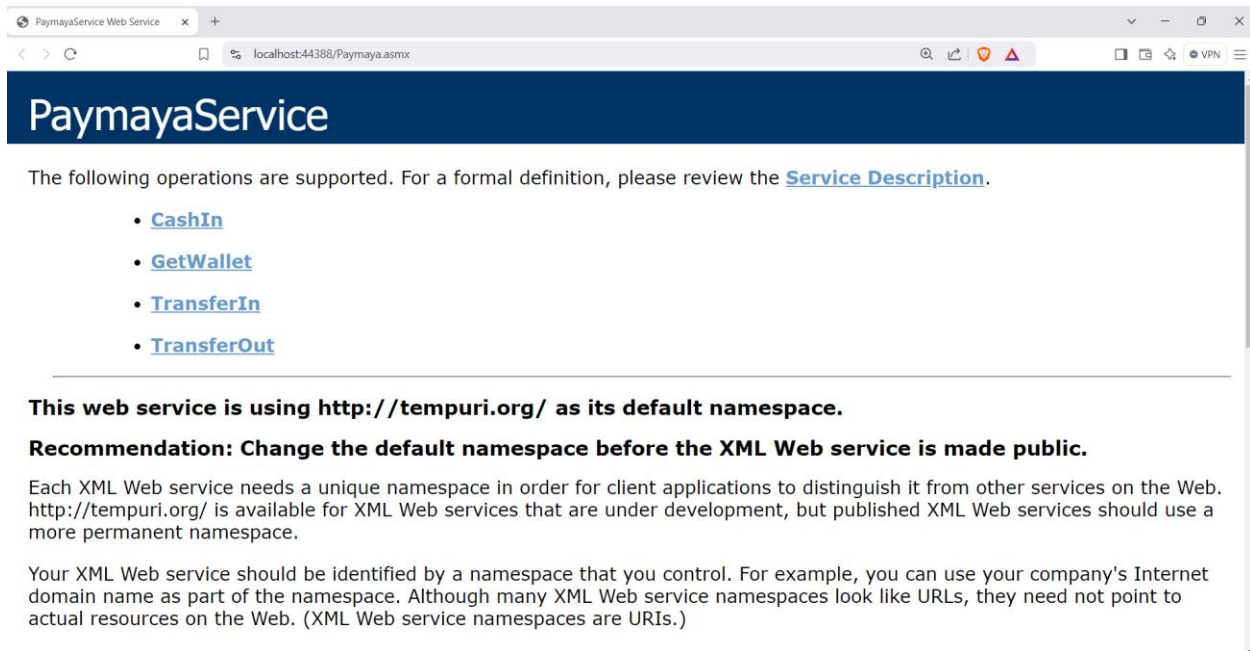
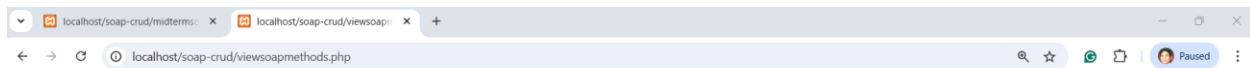


# SIA 101 Hands-on Midterm Exam

## 1. Create the ASP.NET Soap Back-end API (20 pts.)



## 2. Create the PHP SOAP Backend API (20 pts.)



```
string cashIn(string $amount)
string transferIn(string $amount)
string transferOut(string $amount)
string getWallet()
```

3. Create the Client Page to consume the Back-end APIs in order to facilitate Cash-ins and Transfer Transactions to both PayMaya and GCash Database Wallets (30 pts.)

localhost/soap-crud/midterms: x localhost/soap-crud/Viewssoap: x +

localhost/soap-crud/midtermsoapclientpage.php

## SOAP Client Page

### PayMaya Transactions

1000 Paymaya Cash-in successful!  
500 Paymaya Transfer to GCash successful!

### GCash Transactions

1000 GCash Cash-in successful!  
300 GCash Transfer to Paymaya successful!

### Wallet Balances

PayMaya Wallet Balance is 800.00  
GCash Wallet Balance is 1200.00

SQLQuery1.sql - ALPHAUNIVERO22\SQLEXPRESS\paymayadb (sa (53))\* - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

paymayadb Execute

Object Explorer

Connect

ALPHAUNIVERO22\SQLEXPRESS (SQL Se

Databases

- System Databases
- Database Snapshots
- EmployeeDB
- lms
- MovieContext
- nsulms
- nsulmsdb
- paymayadb
- ProductDB
- queueingdb
- ReactAppDB
- salesdemodb

Security

Server Objects

Replication

PolyBase

Management

XEvent Profiler

SQLQuery1.sql - AL...aymayadb (sa (53))\*

```
SELECT TOP (1000) [Id]
, [Amount]
FROM [paymayadb].[dbo].[transactionstbl]
```

100 %

Results Messages

	Id	Amount
1	191	1000.00
2	192	-500.00
3	193	300.00

ConnectionIM102 - Warning - ...

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

- aureliep\_kamadadb
- crud\_db
- gcashdb**
  - Tables
    - transactiontbl
  - Views
  - Stored Procedures
  - Functions
- gradesdemodb
- onlineexamdb
- phpmyadmin
- salesdemodb
- test

transactiontbl

Limit to 50000 rows

```
1 • SELECT * FROM gcashdb.transactiontbl;  
2
```

Result Grid

	Id	Amount
▶	104	500.00
	105	1000.00
	106	-300.00
*	NULL	NULL

Administration Schemas

Information

No object selected