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Score:           

Course, Year & Section: BSIT 2-2

Date: 9/26/25

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**Requirement 01**  
**G-Mail Integration**

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Email Sender Code:

```
Untitled

<?php
use PHPMailer\PHPMailer\PHPMailer;
use PHPMailer\PHPMailer\Exception;

require __DIR__ . '/vendor/autoload.php';

$mail = new PHPMailer(true);

try {
    // Server settings
    $mail->isSMTP();
    $mail->Host = 'smtp.gmail.com';
    $mail->SMTPAuth = true;
    $mail->Username = 'avera.visuals@gmail.com'; // Your Gmail address
    $mail->Password = 'qcmdrapfxecmmtnp'; // Your generated App Password
    $mail->SMTPSecure = PHPMailer::ENCRYPTION_STARTTLS;
    $mail->Port = 587;

    // Recipients
    $mail->setFrom('avera.visuals@gmail.com', 'Avera Visuals');
    $mail->addAddress('jamescarlorivera52@gmail.com'); // Recipient's email

    // Content
    $mail->isHTML(true);
    $mail->Subject = 'Test Email from PHPMailer';
    $mail->Body = 'This is a <b>test</b> email sent from a PHP script using PHPMailer.';

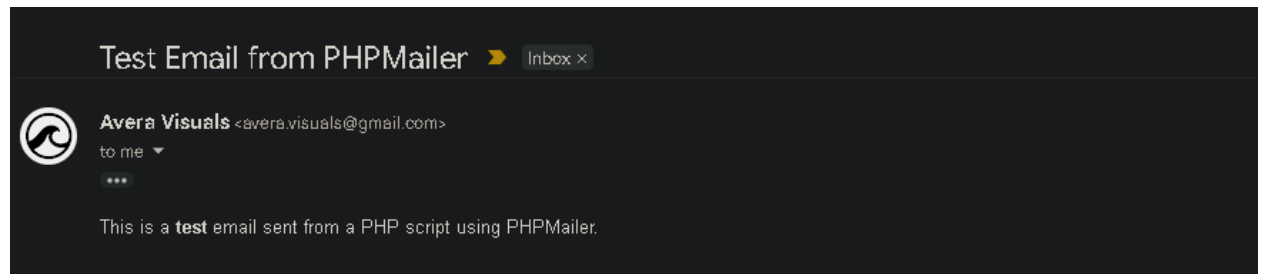
    $mail->send();
    echo 'Email has been sent successfully';
} catch (Exception $e) {
    echo "Message could not be sent. Mailer Error: {$mail->ErrorInfo}";
}

?>
```



#### Results:

```
PS C:\Users\James Carlo\OneDrive\Documents\School\3rd Year\System Integration and Ar
em Integration and Architecture\02\sendemail.php"
Email has been sent successfully
```



#### Fetching Email:

```
fetchemail.php

<?php
// Connect to Gmail IMAP server
$hostname = '{imap.gmail.com:993/imap/ssl/novvalidate-cert}INBOX';
$username = 'jamescarlorivera52@gmail.com';
$password = 'jiimqbowhcyjwgrz';

// Try to connect
$inbox = imap_open($hostname, $username, $password) or die('Cannot connect: ' . imap_last_error());

// Get emails (latest 10)
$emails = imap_search($inbox, 'ALL');

if ($emails) {
    rsort($emails); // Newest first
    foreach (array_slice($emails, 0, 10) as $email_number) {
        $overview = imap_fetch_overview($inbox, $email_number, 0);
        $message = imap_fetchbody($inbox, $email_number, 1);

        echo "Subject: " . (isset($overview[0]→subject) ? $overview[0]→subject : 'No Subject') . "\n";
        echo "From: " . (isset($overview[0]→from) ? $overview[0]→from : 'Unknown Sender') . "\n";
        echo "Date: " . (isset($overview[0]→date) ? $overview[0]→date : 'Unknown Date') . "\n";
        echo "Message: " . substr($message, 0, 100) . "... \n\n";
    }
} else {
    echo "No emails found.\n";
}

// Close connection
imap_close($inbox);
?>
```



**Results:**

```
Subject: Test Email from PHPMailer
From: Avera Visuals <avera.visuals@gmail.com>
Date: Fri, 26 Sep 2025 07:45:06 +0000
Message: This is a <b>test</b> email sent from a PHP script using PHPMailer.

...

Subject: Test Email from PHPMailer
From: Avera Visuals <avera.visuals@gmail.com>
Date: Fri, 26 Sep 2025 07:44:03 +0000
Message: This is a <b>test</b> email sent from a PHP script using PHPMailer.

...

Subject: Test Email from PHPMailer
From: Avera Visuals <avera.visuals@gmail.com>
Date: Fri, 26 Sep 2025 07:42:47 +0000
Message: This is a <b>test</b> email sent from a PHP script using PHPMailer.
```