Part 1: Install Composer (One-Time Setup)

First, you need to install Composer on your computer. You only have to do this once.
- **Download Link:** https://getcomposer.org/download/
- **Instructions:**
    1. Go to the link and download Composer-Setup.exe.
    2. Run the installer.
    3. Choose **"Install for all users (recommended)"**.
    4. Let the installer automatically find your php.exe file located in C:\xampp\php\php.exe.
    5. When it asks for a proxy, **leave it blank** and click Next.
    6. Click **Install** and then **Finish**.

Part 2: Create the vendor Folder (Using Command Prompt)

Now we will use Composer to download the PHPMailer library. This process creates the essential vendor folder.
Step-by-Step Instructions:
1. **Open Command Prompt:**
    - Click the Windows Start button.
    - Type cmd.
    - Click on the "Command Prompt" application to open it.
2. **Navigate to Your Project Folder:**
    - In the black Command Prompt window, you need to tell it to go to your project folder.
    - Copy the following command, paste it into the Command Prompt, and press **Enter**:
      cd C:\xampp\htdocs\otp-login

    - The prompt should now show that you are in the otp-login directory.
3. **Run the Composer Install Command:**
    - Now, copy this final command, paste it into the Command Prompt, and press **Enter**:
      composer require phpmailer/phpmailer

    - You will see text scrolling as Composer downloads the files. When it is finished, you will see a new **vendor** folder has been created inside your otp-login folder. This folder is required for the email script to work.

Part 3: Create a Google App Password & Edit the PHP File

This is the final configuration step where you get the password from Google and put it into your send_otp.php file.
- **Link:** https://myaccount.google.com/apppasswords

Step-by-Step Instructions:

1. **Enable 2-Step Verification:** Make sure 2-Step Verification is **ON** in your Google Account's Security Page. You cannot proceed without this.
2. **Go to App Passwords Page:** Use the link above to go to the App Passwords page and sign in.
3. **Generate Password:**
   - For "Select app", choose **Mail**.
   - For "Select device", choose **Other (Custom name)**.
   - Give it a name like My XAMPP Project and click **Create**.
4. **Copy the 16-Character Password:** Google will show you a 16-character password in a yellow box. Copy this code.
5. **Edit send_otp.php:**
   - Open your send_otp.php file in a text editor.
   - Look for the "Server settings" section (around line 60).
   - **BEFORE EDITING, it looks like this:**
     ```
     // Server settings - IMPORTANT!
     $mail->isSMTP();
     $mail->Host       = 'smtp.gmail.com';
     $mail->SMTPAuth   = true;
     $mail->Username   = 'your-email@gmail.com'; // <-- CHANGE THIS
     $mail->Password   = 'your-app-password-here';    // <-- CHANGE THIS
     $mail->SMTPSecure = PHPMailer::ENCRYPTION_SMTPS;
     $mail->Port       = 465;

     // Recipients
     $mail->setFrom('your-email@gmail.com', 'Secure Login System'); // <--
     CHANGE THIS
     ```

   - **AFTER EDITING, it should look like this** (using your email and the password you generated):
     ```
     // Server settings - IMPORTANT!
     $mail->isSMTP();
     $mail->Host       = 'smtp.gmail.com';
     $mail->SMTPAuth   = true;
     $mail->Username   = 'shrikantchavan0003@gmail.com'; // Your actual email
     $mail->Password   = 'szgtvcvdxsbftxrr';    // The 16-character password from
     Google
     $mail->SMTPSecure = PHPMailer::ENCRYPTION_SMTPS;
     $mail->Port       = 465;

     // Recipients
     $mail->setFrom('shrikantchavan0003@gmail.com', 'Secure Login System'); //
     Your actual email again
     ```

6. **Save the File:** Save the changes to your send_otp.php file.
7. Click **Done** on the Google App Password page.

Your project is now fully configured and ready to be tested!