Week 5 Workshop Task – PHP Basics (Part 2)

Student Portfolio Manager

Build a PHP application that demonstrates functions, arrays, string handling, file handling, error handling, include/require usage, and a validated file upload feature.

PART 1 — Homepage (index.php)

• Display a welcome message.
• Use include/require to load header and footer.
• Show links to:
  – Add Student Info
  – Upload Portfolio File

PART 2 — Add Student Info Page (add_student.php)

Tasks:
1. Create a form: Name, Email, Skills (comma-separated).
2. Handle submission using string functions and validation.
3. Convert skills string into an array using explode().
4. Save student info into students.txt.
5. Implement error handling with try/catch.

PART 3 — Upload Portfolio File (upload.php)

Requirements:
• Accept only PDF, JPG, PNG
• Max size: 2MB
• Rename file using string functions
• Store file inside /uploads/
• Use error handling for invalid format, directory errors, etc.

PART 4 — View Students Page (students.php)

• Read students.txt and display:
  – Name
  – Email
  – Skills (as an array)
• Use include/require for header/footer.

Required Custom Functions

• formatName($name)
• validateEmail($email)
• cleanSkills($string)

- saveStudent($name, $email, $skillsArray)
- uploadPortfolioFile($file)