

# Pengembangan Aplikasi Web

## Pertemuan Ke-7 (PHP: Lanjut 5)

**Noor Ifada**

Email: [noor.ifada@trunojoyo.ac.id](mailto:noor.ifada@trunojoyo.ac.id)

Scopus: [56590032100](#)

Google Scholar: [Noor Ifada](#)

ResearchGate: [Noor-Ifada](#)

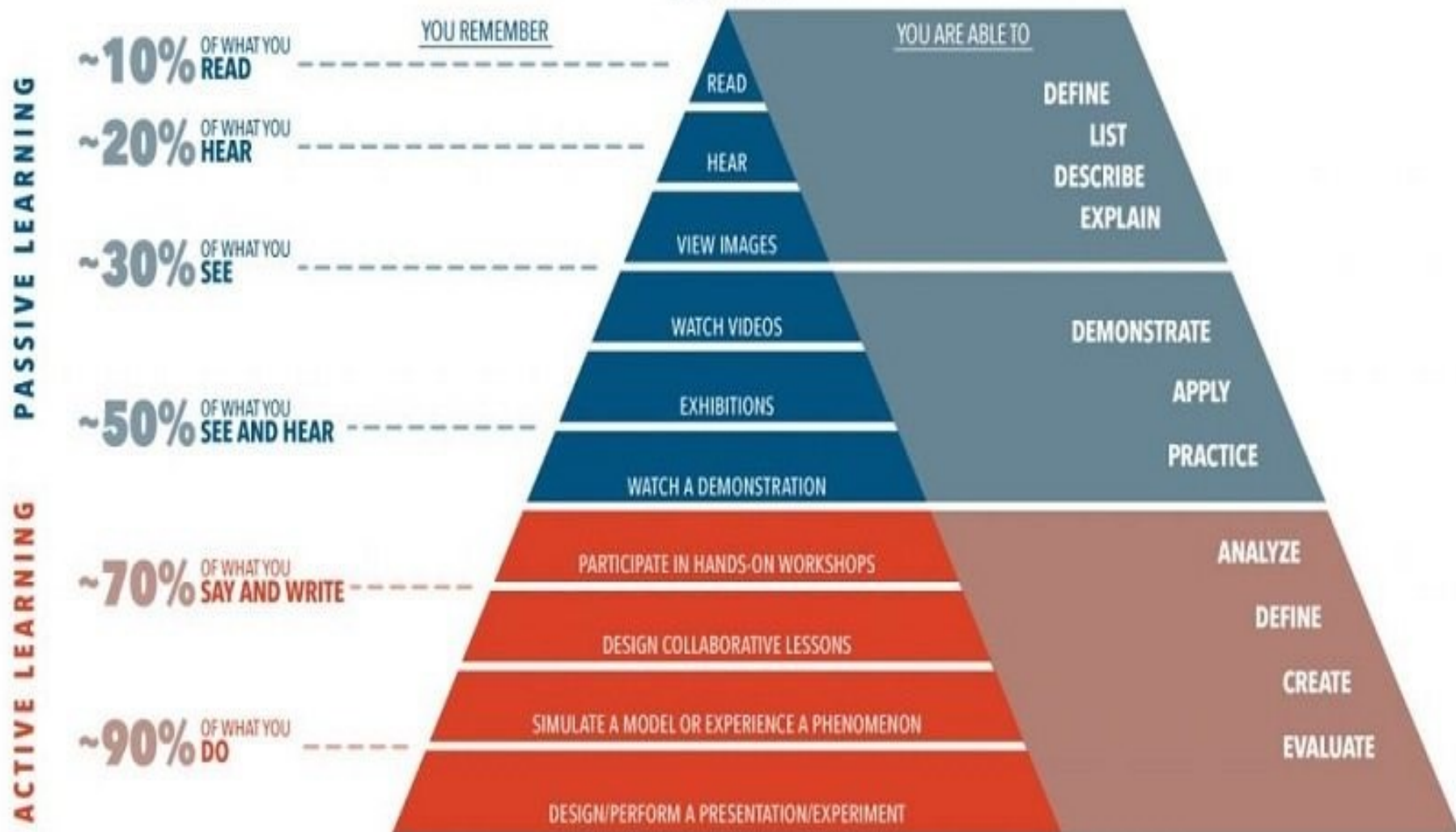
Repository: [Trunojoyoan](#)

Semester Gasal 2023/2024

S1 Teknik Informatika – Universitas Trunojoyo Madura (UTM)

# CONE OF EXPERIENCE

EDGAR DALE



<https://elearningindustry.com/>

# SOFT SKILLS FOR STUDENTS

6 SKILLS TO HELP YOU SUCCEED



START

## 1 Problem Solving

Do you see problems as interesting opportunities? Problem solvers anticipate potential stumbling blocks and act to prevent them or mitigate their effects.



**TIP:** You don't always need to start by trying to solve the problem. First, aim to understand the root of the problem.



## 2 Creativity

Are you able to think outside of the box even when you're not asked to? Everyone has creative abilities. Creative thinking skills help you to look at problems and situations from a fresh perspective.

## 3 Communication

Are you an effective communicator and active listener? Communication skills will help you understand others and be better understood in return. This can help make each interaction you have in both your work and social life a more positive experience.



## 4 Time Management

Are you an organized person who meets deadlines? Good time management skills enable you to do more in less time, helping you reduce stress and maintain a better work-life balance.



**TIP:** Prioritize your tasks and delegate a time limit to how long you spend on each one.

## 5 Stress Management

Can you identify and tackle your stress triggers? Being able to manage stress allows you to break the hold it can have on your life. This will make you happier, healthier, and more productive in return.



**TIP:** Set limits and learn to say no to requests that would create excessive stress in your life.

## 6 Teamwork

Are you a team player who collaborates well with others? Teamwork requires leadership and goal orientation. Whether in school or a job, the better you work within a team, the better your work will be!



**TIP:** Always clarify roles, responsibilities and accountability with your team members.

END

 **educations.com**

You won't always be a priority to others,  
and that's why you have to be a priority to yourself.


Learn to respect yourself, take care of yourself,  
and become your own support system.

Your needs matter. Start meeting them. Don't wait  
for others to choose you. Choose yourself.

*Jazz Zo Marcellus*

# Tabu Bagi Mahasiswa Teknik Informatika

- ❖ Tidak dapat beradaptasi dengan (perkembangan) teknologi
- ❖ Tidak dapat membaca atau memahami instruksi
- ❖ Tidak dapat membuat program



**LEARNING IS NEVER  
DONE WITHOUT  
ERRORS AND DEFEAT**

VLADIMIR LENIN

PICTUREQUOTES.COM



PICTUREQUOTES

# Sub Pokok Bahasan

- Validasi *Server-side*

# Validasi *Server-Side*

- Jangan hanya mengandalkan validasi *client-side*
- Karena:
  1. *Client* mungkin tidak mengaktifkan JavaScript pada *web browser* yang digunakan
  2. *Hacker* dapat menuliskan program untuk mengirimkan pesan HTTP request ke halaman PHP

# Validasi Server-Side [2]

```
basicValidation.php
4  <?php
5      require_once 'validate.inc';
6
7      $errors = array();
8      validatePattern($errors, $_POST, 'name', '/^[a-zA-Z]+$/',);
9      validatePattern($errors, $_POST, 'phone', '/^((\d{4}[ ]?\d{4})|(04\d{2}[ ]?\d{3}[ ]?\d{3}))$/');
10     validateDate($errors, $_POST, 'dob');
11     // ...
12
13     if (count($errors) == 0)
14     {
15         // Data validates so continue with processing
16         // ...
17     }
18     else
19     {
20         // Data doesn't validate, so display error message
21         // ...
22     }
23  ?>
```

```
11  function validatePattern(&$errors, $field_list, $field_name, $pattern)
12  {
13      if (!isset($field_list[$field_name]) || $field_list[$field_name] == '')
14          $errors[$field_name] = 'Required';
15      else if (!preg_match($pattern, $field_list[$field_name]))
16          $errors[$field_name] = 'Invalid';
17  }
```

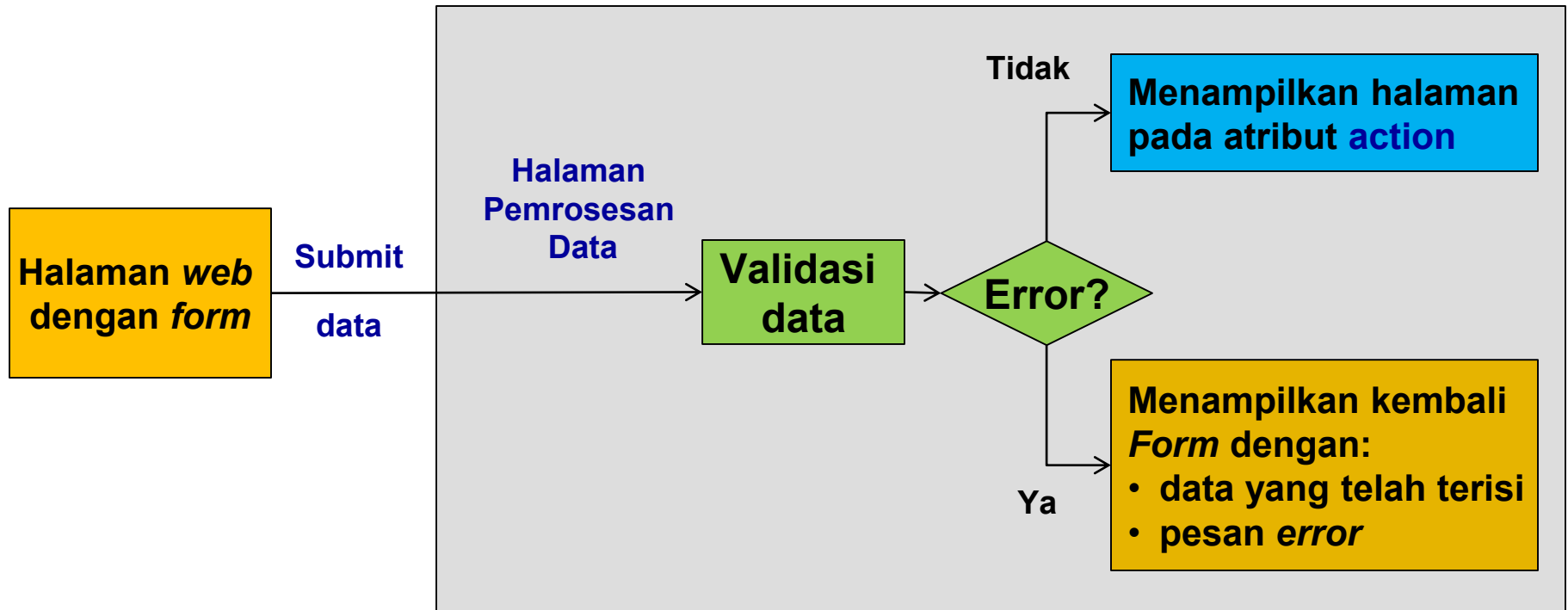


# Fungsi *Built-in* untuk Validasi PHP

## Contoh Fungsi *Built-in* untuk validasi menggunakan PHP

Jenis Fungsi	Contoh Fungsi Built-in
<i>Regular expressions</i>	<code>pregmatch</code>
<i>String</i>	<code>trim</code> , <code>strtolower</code> , <code>strtoupper</code>
<i>Filter</i>	<code>filter_var</code> , <code>filter_input</code> , <code>FILTER_VALIDATE_EMAIL</code> , <code>FILTER_VALIDATE_URL</code> , <code>FILTER_VALIDATE_FLOAT</code> , <code>FILTER_VALIDATE_IP</code>
<i>Type testing</i>	<code>is_float</code> , <code>is_int</code> , <code>is_numeric</code> , <code>is_string</code>
<i>Date</i>	<code>checkdate</code>

# Pemrosesan *Error* (Validasi)



# Challenge #1

**Update Challenge #3** pada Materi *Slide Pertemuan #6* untuk memastikan bahwa masukan batas jumlah deret angka pada *form* adalah bilangan asli yang nilainya tidak melebihi 20.

Contoh form:

Contoh hasil pemrosesan *form*:

```
Iteration number 1  
Iteration number 2  
Iteration number 3  
Iteration number 4  
Iteration number 5  
Iteration number 6  
Iteration number 7  
Iteration number 8  
Iteration number 9  
Iteration number 10
```

# Challenge #2

*Update Challenge #2 pada Materi Slide Pertemuan #6 untuk melakukan validasi server-side terhadap masukan form!*

*Hint: Cek workshop pertemuan ke-7!*

# Video Perkuliahan

- Penjelasan materi kuliah dapat dilihat via YouTube (*recording* Semester Gasal 2020/2021): <https://youtu.be/StV7VoAF8lU> mulai dari *timestamp* 18:54
- *Note*: Kerjakan *Challenge(s)* berdasarkan *slide* Semester Gasal 2023/2024 (bukan berdasarkan *slide* yang ditampilkan dalam *recording* Semester Gasal 2020/2021)



there is  
**ALWAYS**  
something to  
**BE GRATEFUL**  
for



whilehowsnapping.com

**SURROUND  
YOURSELF  
WITH POSITIVE  
PEOPLE WHO  
ARE GOING TO  
PUSH YOU  
TOWARD  
GREATNESS.**

PictureQuotes.com